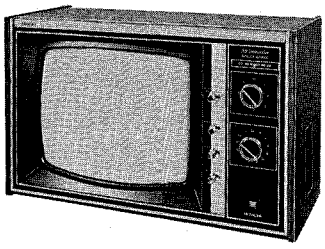
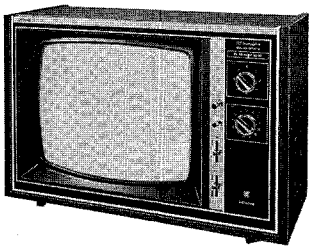


CFP-475



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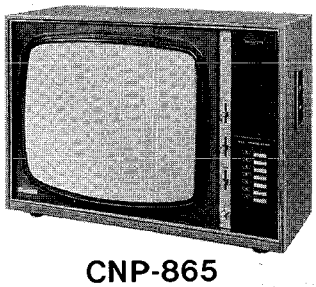

CNP-865

HITACHI

PAL SYSTEM

HITACHI FARBFERNSEHEMPFAENGER

MODELLE CFP-475
CSP-685
CNP-865

SERVICE INSTRUKTION

Nr. 139 August 1972

CFP-475 (Für die Schweiz)

CSP-685 (Für die Schweiz)

CNP-865 (Für Westdeutchland — 19″Ⓖ
Für die Schweiz — 19″Ⓢ)

(Anm.) Wenn„ Westdeutchland“ und die„ Schweiz “ besonders voneineinder zu unterscheiden sind. G und S werden zusammen gebraucht.

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Technische Daten

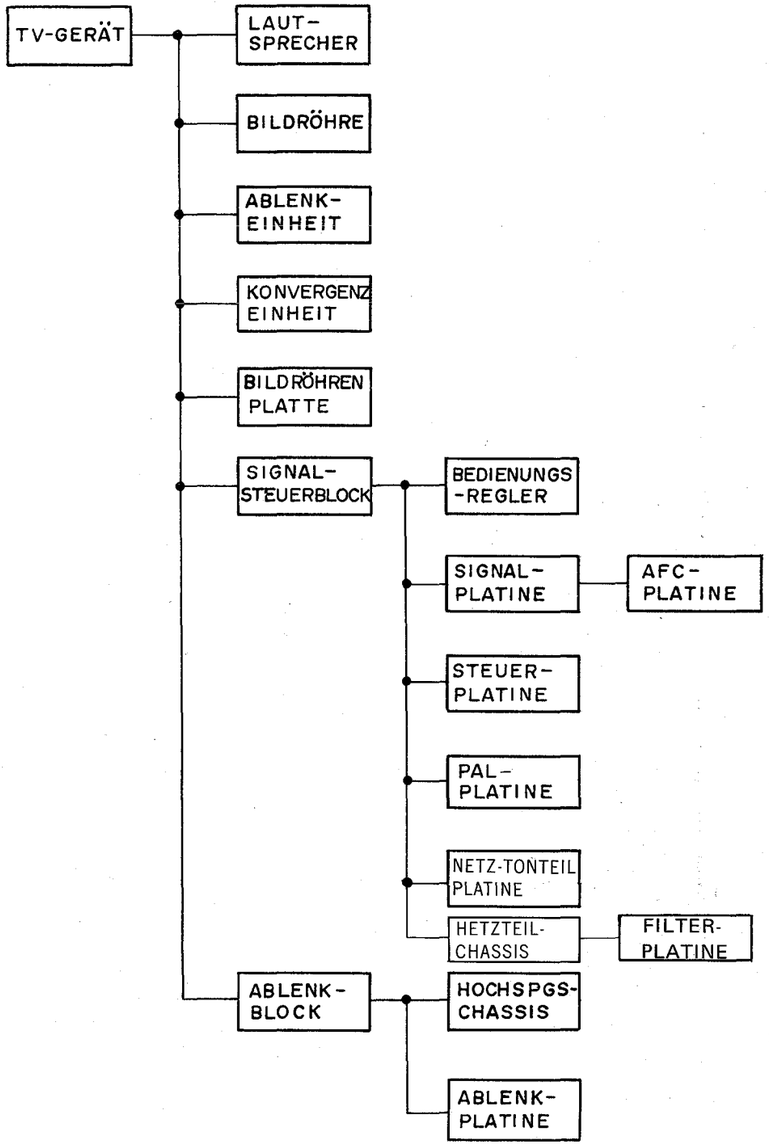
Antenneneingangsimpedanz	300 ohm
Konvergenz	Magnetisch
VHF-Bereich	Kanäle 2–12
UHF-Bereich	Kanäle 21–68
Zwischenfrequenzen	
Bildträger	38,9 MHz
Tonträger	33,4 MHz
Farbträger	34,47 MHz
Ton-Zwischenfrequenz	5,5 MHz
Farb-Zwischenfrequenz	4,43 MHz
Bildröhrentypen	
15″	15 AFP22
17″	17 FHP22
19″	490 DKB22
Netzspannung	220 Volt, 50 Hz
Leistungsaufnahme	100 Watt (17″, 19″), 90W (15″)
Lautsprecher	12 x 8 cm(17″) – 15 x 10cm(19″) – 10cm(15″)
Tonausgangsleistung	2,0W bei 1000 Hz (Musikleistung) (19″)
	1,5W bei 1000 Hz (Musikleistung) (17″)
	1,0W bei 1000 Hz (Musikleistung) (15″)
Sicherungen	
Netzeingang	2 x 1,6A
Netzteil	2 x 315 mA
	2 x 1A
	1 x 2A

Technische Besonderheiten

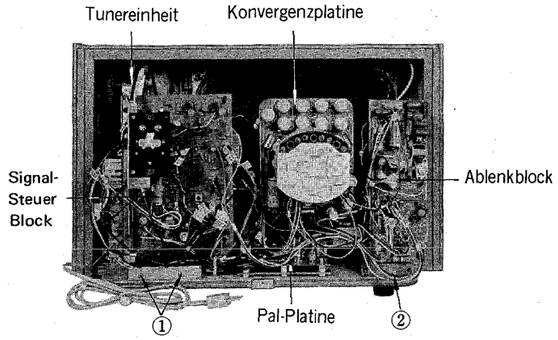
Volltransistorisiertes Farbfernsehgerät
Bild und Ton sofort stabilisiertes Hochvoltnetzteil niedere Leistungsaufnahme (100W-17″,19″,90W-15″)
RGB-Ansteuerung der Farbbildröhre
Hochwirksame Verstärkungsregelung der HF-ZF-Stufen.
Automatische Farbsättigungsregelung
neu entwickelte Bildbreiten-und Hochspannungsstabilisierung
Voreinstellbare Kanalwahl
automatische Frequenznachstimmung auf VHF-UHF(19″), UHF (15″, 17″)
Automatische Störaustastung
Strahlstrombegrenzung
Modultechnik ermöglicht einen rationellen Service.

Der Aufbau des Hitachi Farbfernsehempfängers

Dieser Farbempfänger besteht aus zwei prinzipiellen Blöcken, dem Signal-Steuerblock einerseits und dem Ablenkblock andererseits.
Deren zugehörende Einheiten sind: Bildröhre, Ablenkeinheit, Konvergenzeinheit, und Bildröhrenplatte.
Die einzelnen Blöcke und Platinen sind untereinander über Stecker verbunden. Im Folgenden eine kurze Beschreibung des prinzipiellen Aufbaues.

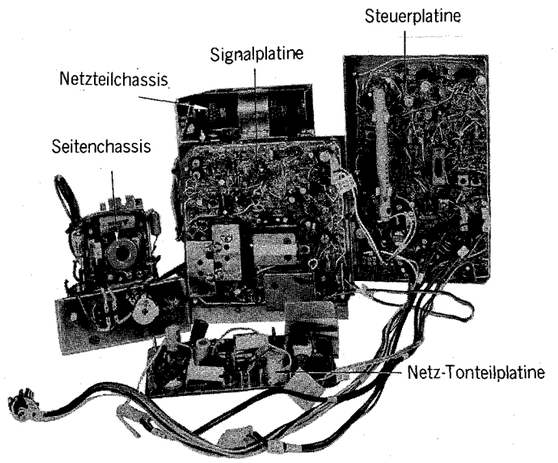


Der grösste Teil der Schaltung ist auf sieben Platinen aufgebaut. Nach Abnahme der Rückwand können die einzelnen Blocks oder Einheiten ausgebaut werden.
Nach dem Lösen der beiden Schrauben (1), (2) sind die einzelnen Blocks zum Ausbau bereit. Bevor jedoch die Einheit nach hinten gezogen wird, müssen die Kabelbaumklammern entfernt werden.



Signal und Steuerblock

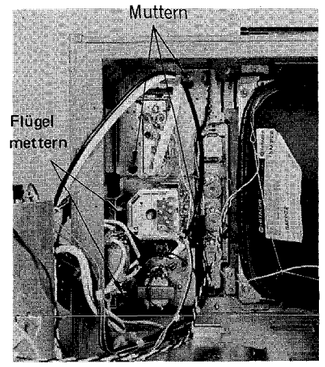
Dieser besteht aus der Signalplatine, Netzteilplatine, Netzteilchassis und Steuerplatine. Nach Lösen der entsprechenden Schrauben und Verbindungsstecker können die Einheiten getrennt werden.
Das Seitenchassis kann nach dem Entfernen der Flügelmuttern ausgebaut werden.
Die Pal-Platine wird durch die beiden Kunststoffbolzen gehalten.

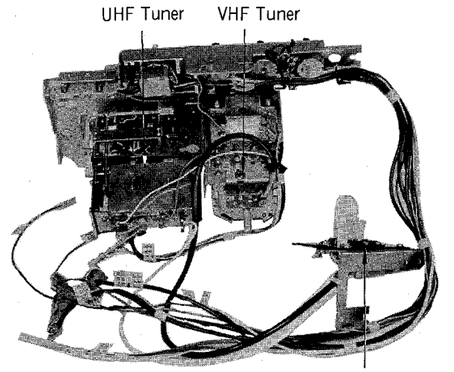


(Photo. – CFP-475)

Tuner- und Reglereinheit

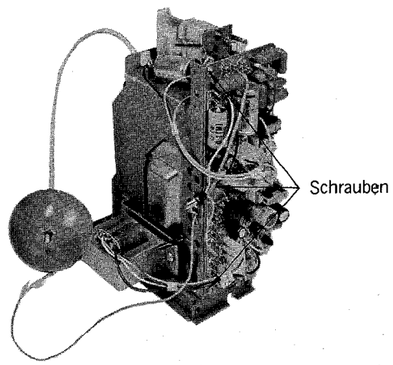
Zuerst die Reglerknöpfe auf der Frontseite abziehen, dann die drei Befestigungsschrauben lösen.
Der Tuner und die Regler können ohne die übrigen Schaltungen geprüft werden.



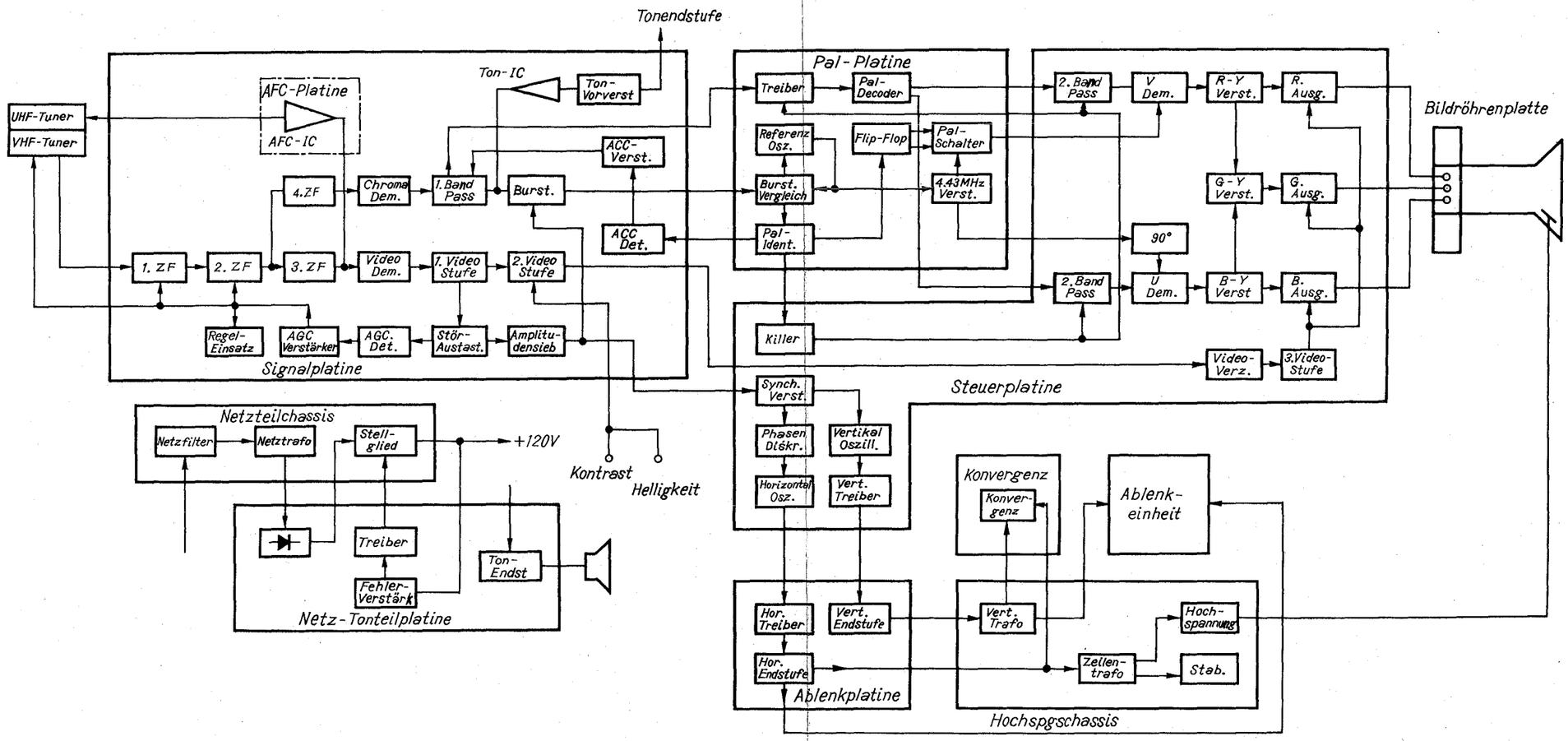


Ablenkblock

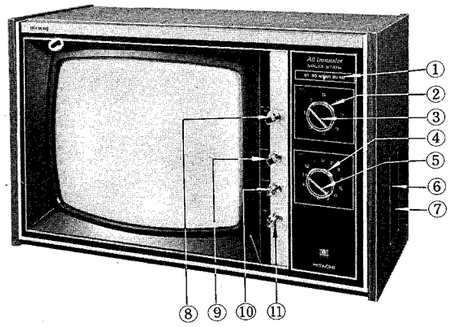
Dieser besteht aus Ablenkplatine und dem Hochspannungschassis. Ausbau nach Lösen der Schrauben und Verbindungstecker.

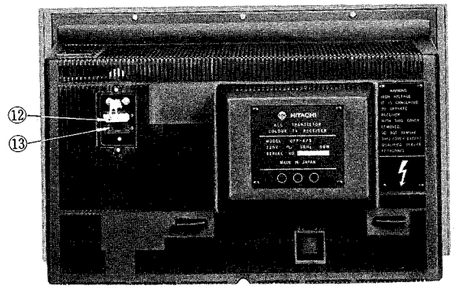


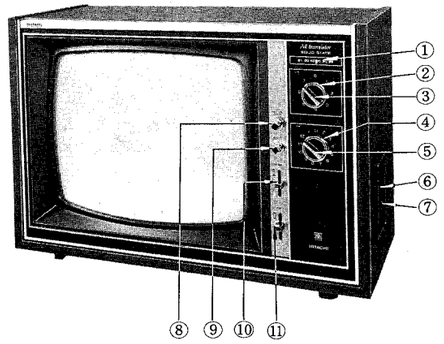
Blockschaltschema

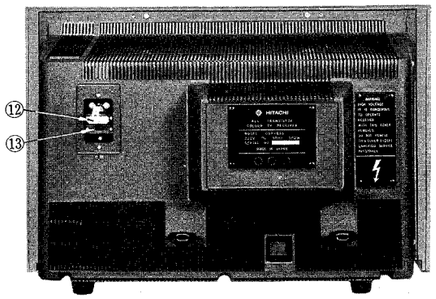


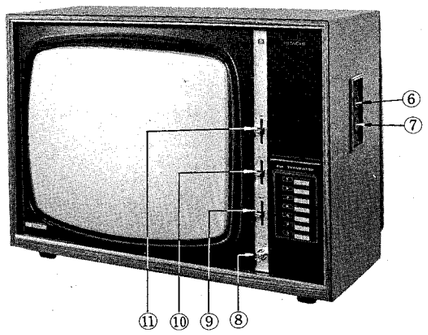
Bedienungsregler

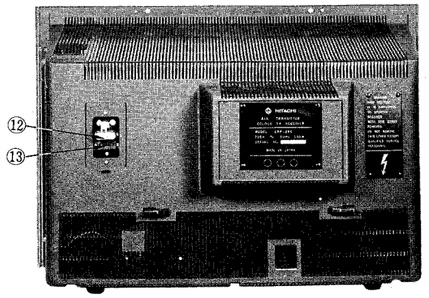








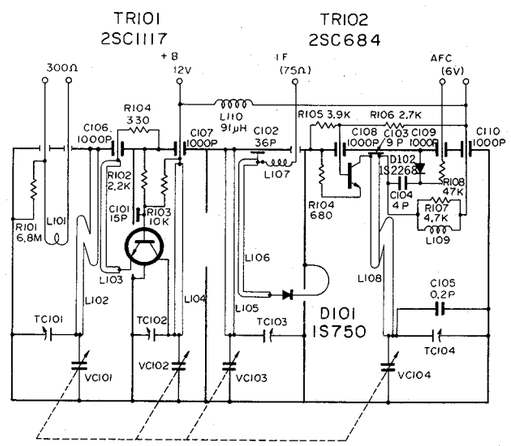




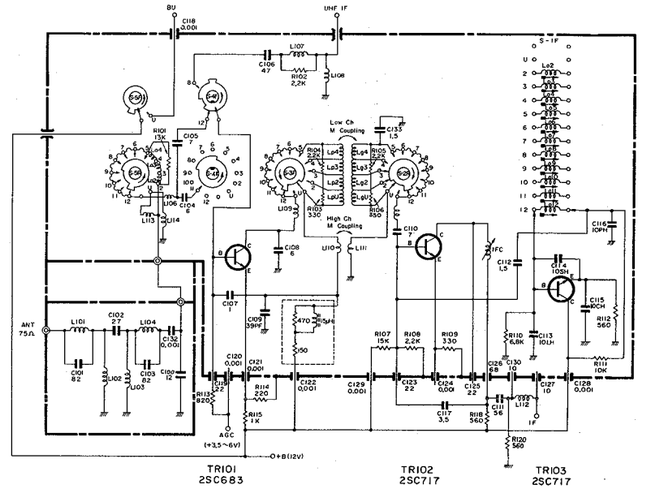
1 UHF-Kanalanzeige
2 UHF-Programmvoreinstellung
3 UHF-Kanalwahl
4 VHF-Feinabstimmung
5 VHF-Kanalwahl
6 Kontrast
7 Haupt-Ein-Ausschalter
8 Ein-Aus Zugschalter-Lautstärkeregler
9 Helligkeit
10 Farbsättigung
11 Weisston
12 UHF-Antennenanschluss
13 VHF-Antennenanschluss

(15'', 17'')

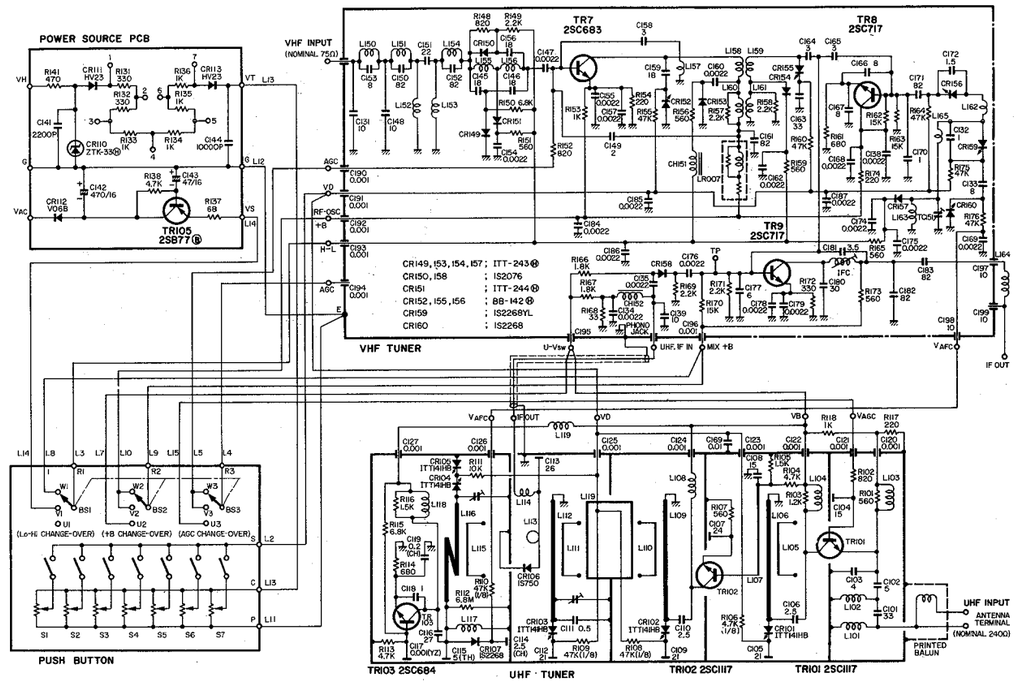
UHF TUNER



VHF TUNER



(19'')



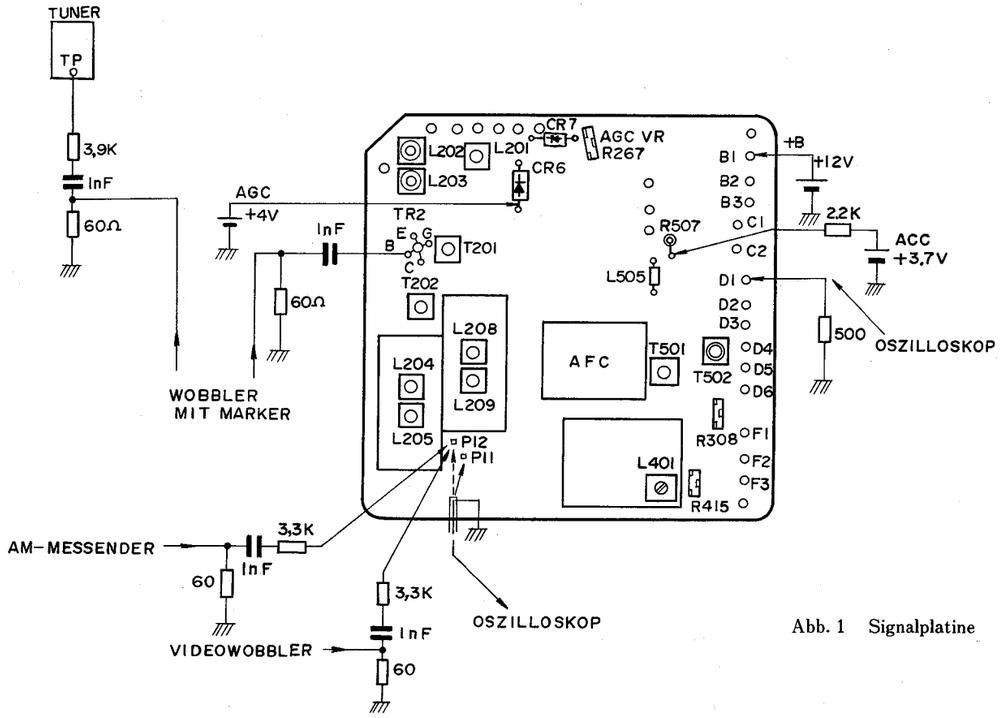


Abb. 1 Signalplatine

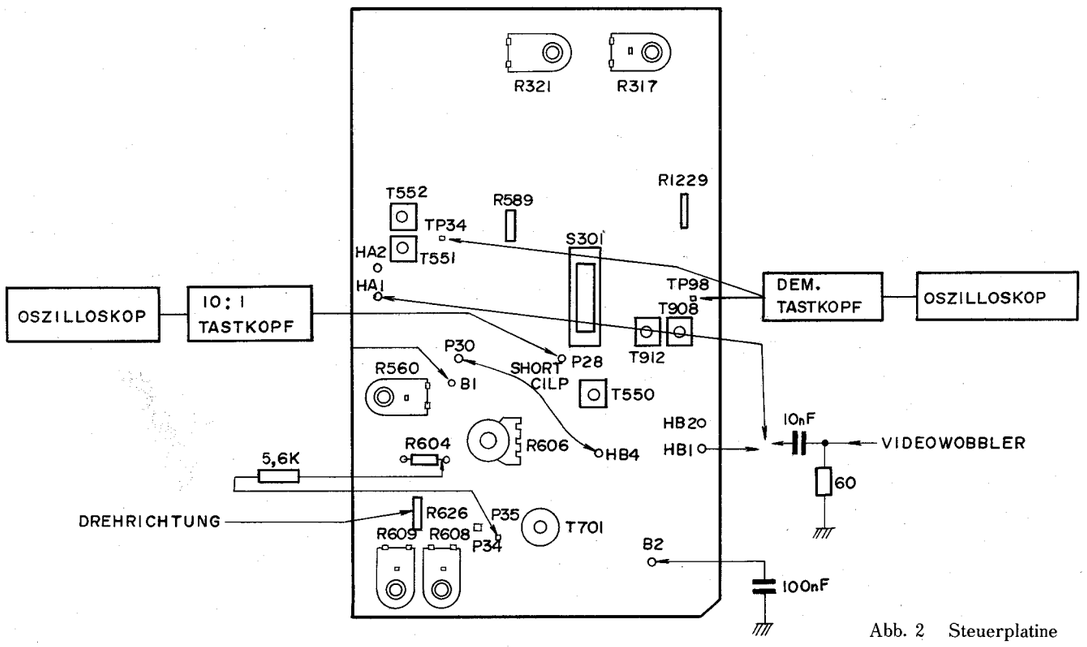


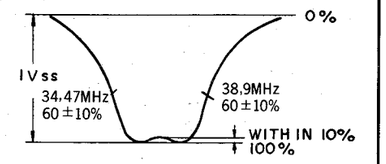
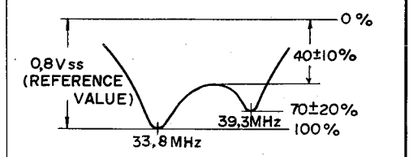
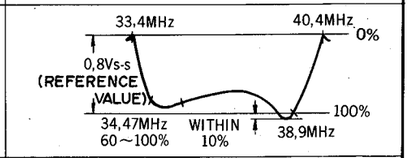
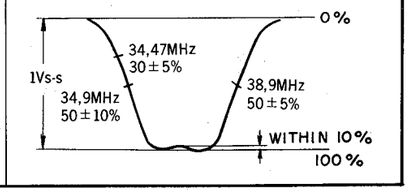
Abb. 2 Steuerplatine

Abgleich der Bild-ZF - Signalplatine

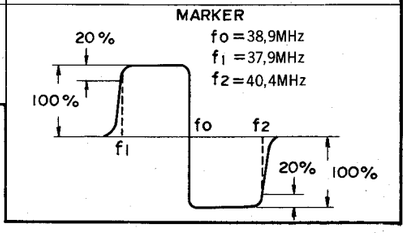
Abb. 1

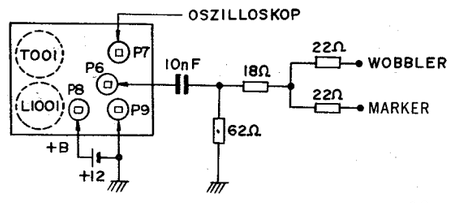
+12V an Messpunkt B1 anlegen
+ 4V an Anode von CR6 anlegen

Tuner auf VHF Kanal 12 (15", 17")-7(19") stellen

Sender-anschluss	Oszilloskop	Abgleich	Abgleichen		
Basis TR2	P11	3. ZF-stufe	L204 L205	Kurvenhöhe max 1 Vss einstellen	
Basis TR2	P12	3. ZF-stufe	L208 L209	Kurvenhöhe ca 0.8 Vss (Bezugswert) ev. Abgleich L204—L205 wiederholen	
Tuner-TP Marker modulieren	P12	Fallen	L202 L203	40.4 MHz Min. 33.4 MHz Min.	
Tuner-TP	P12	Gesamt-ZF	Tuner-ZF-kreis L201	Kurvenhöhe ca 0.8 Vss	
Tuner-TP	P11	Gesamt-ZF	Kontrolle	Kurvenhöhe ca 1 Vss ev. Abgleich mit L205 korrigieren L201 und Tuner-ZF nicht verdrehen	

Abgleich der AFC — AFC Baustein

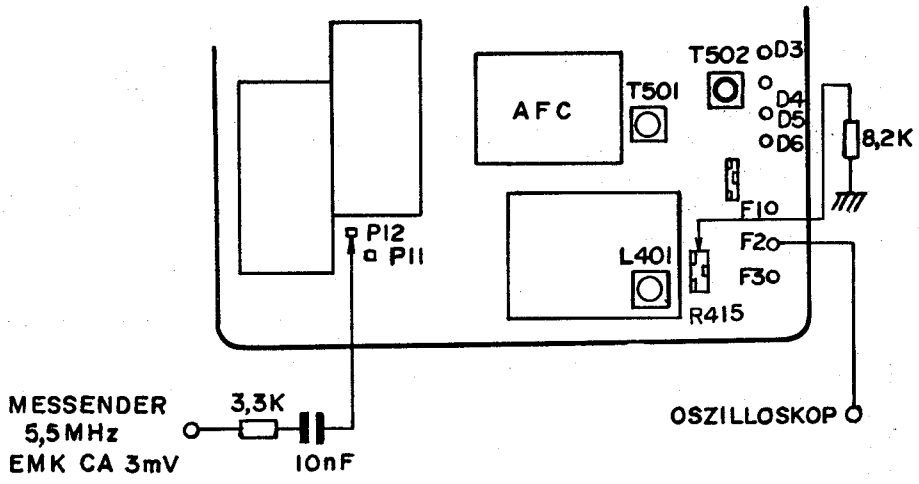
Sender anschluss	Oszilloskop	Abgleichen	Vorbereitung: +12V an P8 anlegen
P6 Ausgangspegel 100—300mV	P7	L001 auf nebenstehende Kurve abgleichen. Wobblerpegel dabei varieren. Mit T001 O-Durchgang zentrieren	



Abgleich der Ton-ZF-Signalplatine

Abb. 1

+12V an B1 anlegen
+4V an Anode von CR6 anlegen, Ein 8,2K Widerstand von R415 nach Masse schalten. Messendersignal von 5,5MHz (AM moduliert) über RC-Glied an P12 zuführen.
Oszilloskop an F2 anschliessen
L401 auf Minimum abgleichen.
Stellen Sie R415 (Lautstärken-Vorregler) mithilfe von 5,5 MHz (FM 400 Hz 50 kHz Mod.) so ein, daß 1 Watt (3,7 Vrms) auf der Sekundärseite des Ton-Ausgangstransformators erreicht wird.

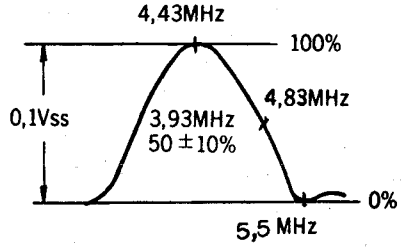


Abgleich des Farbverstärkers - Signalplatine und Steuerplatine

Signalplatine Abb. 1

+12V an B1 anlegen
+4V an Anode von CR6 anlegen
+3,7V an Verbindungspunkt L505–R507 über 2.2k

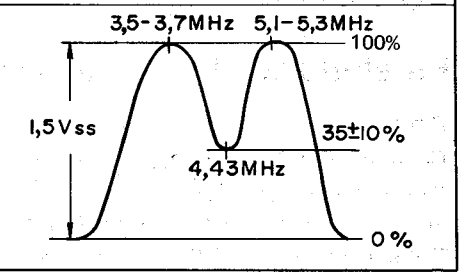
Belastungswiderstand 500 Ohm von D1 nach Masse schalten

Sender-anschluss	Oszilloskop	Abgleich	Abgleichen		
P12 5.5 MHz 30 mV EMK	D1	Tonfalle	T502	auf Minimum abgleichen	
P12 Video-Wobbler 3–6 MHz	über Dem-Tastkopf D1	1. Band-pass	T501	auf nebenstehende Kurvenform abgleichen	

Steuerplatine Abb. 2

+12V an B1 anlegen
HB4 mit P30 verbinden

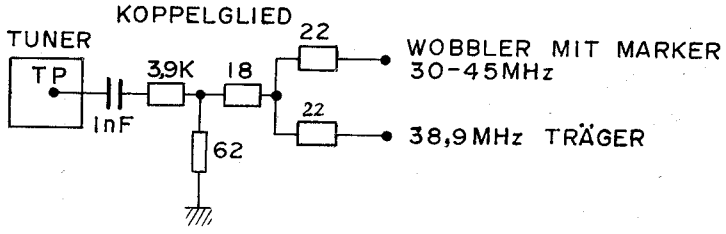
Dieser Abgleich wird zweckmässig mit einem Videowobbler durchgeführt

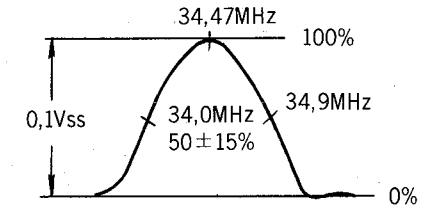
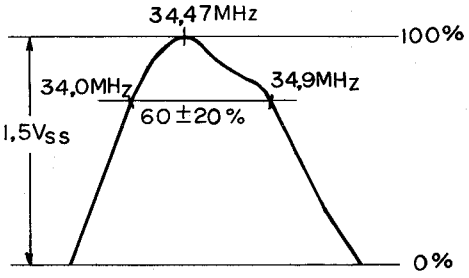
Sender-anschluss	Oszilloskop	Abgleich	Abgleichen		
HB1	über Dem-Tastkopf TP98	2. Band-pass (V)	T908 T912	auf nebenstehende Kurvenform abgleichen	
HA1	über Dem-Tastkopf TP34	2. Band-pass (U)	T551 T552	auf nebenstehende Kurvenform abgleichen	

Abgleich des Farbverstärkers "Ueberalles"

Abb. 1 und Abb. 2

Farbsättigungsregler auf Mittelstellung bringen.
+12V an B1 anlegen
+ 4V an Anode von CR6 legen
+3.7V über 2.2k an Verbindungspunkt R507–L505 anlegen
HB4 mit P30 verbinden



Sender anschluss	Oszilloskop	Abgleich	Abgleichen		
über Koppelglied Tuner TP	Dem.-Tast-Kopf D1	1. Bandpass	T501	auf nebenstehende Kurvenform abgleichen	
Wobbler- und Markerpegel so dosieren bis nebenstehende Kurvenform erreicht ist	Dem.-Tast-Kopf TP98	2. Bandpass V	T908 T912	auf nebenstehende Kurvenform abgleichen	
	Dem.-Tastkopf TP34	2. Bandpass U	T551 T552		

Abgleich des 4.43MHz Verstärkers - Steuerplatine

Abb. 2

Farbtestbild einstellen
Oszilloskop über 10:1 Tastkopf an P28 anschliessen.

T550 auf Maximum abgleichen

Einstellung der Synchrondemodulatoren-Symmetrie - Steuerplatine

Abb. 2

Farbtestbild einstellen
Killer Regelpotentiometer R560 auf Rechtsanschlag stellen: die Farbe muss verschwinden. R560 auf Linksanschlag stellen: die Farbe muss erscheinen. Farbsättigungsregler auf Min. stellen so dass die Farbe verschwindet.

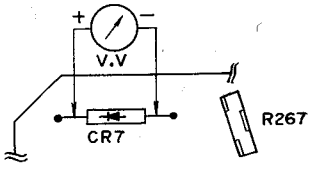
R589 und R1229 auf Mittelstellung bringen
Jetzt Farbsättigungsregler einstellen bis Farbe erscheint.
Der Weissbalken muss weiss bleiben. Ist dies nicht der Fall R589 und R1229 auf Spitzenweiss einstellen.

Einstellung der Regelspannung AGC - Signalplatine

Abb. 1

Gerät zuerst 5 Min. warmlaufen lassen
Sendertestbild einstellen.
Signal von 60 dbμ(1mV) $^{+1}_{-3}$ db/60Ω der Antenne zuführen.
Röhrenvoltmeter an CR7 anschliessen.

R267 auf 0V $^{+0,1}_{-0}$ V einstellen



Service-Einstellungen - Steuerplatine

Abb. 2

Horizontalfrequenz

B2 über 100nF mit Masse verbinden.

T701 einstellen bis der Horizontalaustastbalken senkrecht steht.

Vertikalfrequenz

P35 über einen Widerstand von 5,6K mit Verbindungspunkt R604 – T601 verbinden

R606 einstellen, dass das Bild gerade nach unten durchläuft. Verbindung wieder aufheben.

Bildhöhe

R608 auf richtige Bildhöhe einstellen

Vertikallinearität

R609 Gesamtlinearität

R626 Linearität oben

Die beiden Regler auf beste Bildgeometrie einstellen

Stabilisiertes-Netzteil-Netzteil - Tonplatine

Gerät einschalten und 15 sek.warmlaufen lassen.

Die Netzspannung muss für diese Einstellung genau auf 220V ± 2V eingestellt sein. Ev. mit Regeltrafo korrigieren.

Voltmeter an JD1 anschliessen

R911 einstellen bis die stabilisierte Spannung 120V ± 0,5V beträgt.

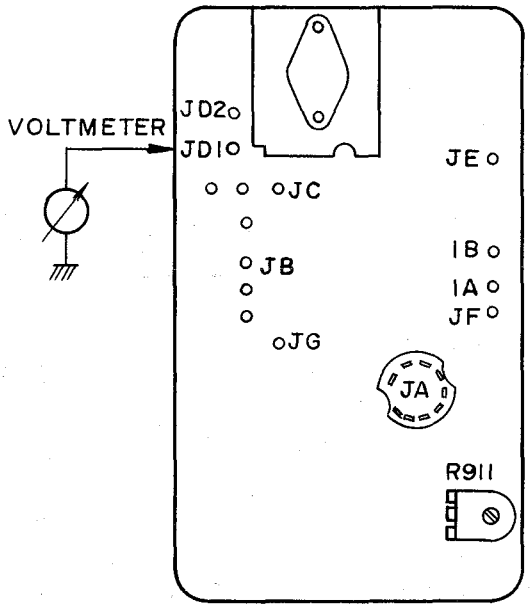


Abb. 3

Netzteil-Tonplatine

Abgleich auf der Pal-Platine

1. Farbtestbild einstellen

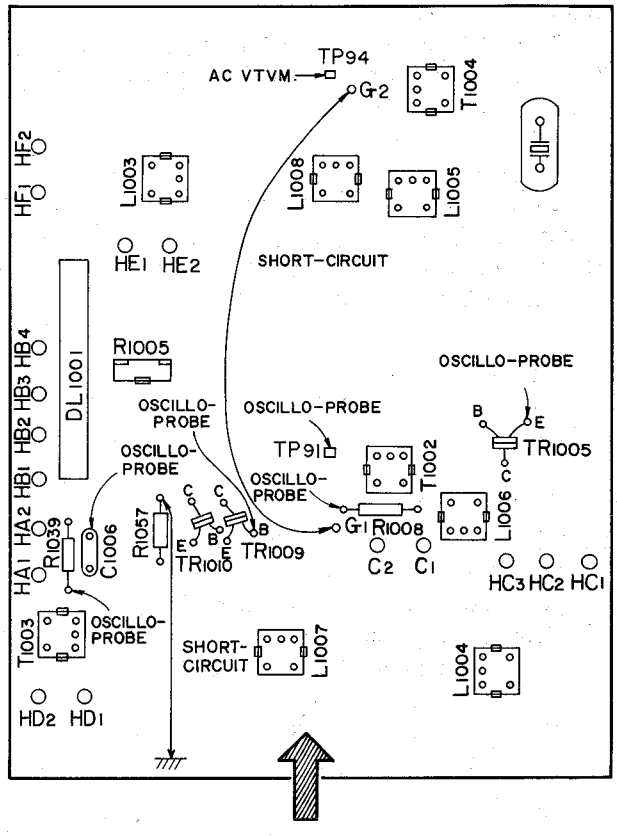
HB4 mit P30 (auf der Steuerplatine Abb. 2) verbinden.
Farbsättigungsregler auf Mittelstellung bringen

2. Burstverstärker

G2 mit G1 verbinden.
Oszilloskop an C2 (R1008) anschliessen.
T1002 auf max. Amplitude (13–18 Vss) abgleichen

3. Referenzoszillator

G2 mit G1 verbinden
L1005 abgleichen bis Farbsynchronisation erreicht ist. Eventuell L1006 in den Abgleich einbeziehen
Oszilloskop an Emitter von TR 1005 anschliessen
L1006 auf min. Amplitude abgleichen (1,7 – 2 Vss)
Oszilloskop an TP91 anschliessen
L1004 auf max. Amplitude abgleichen (4 – 5 Vss)
Oszilloskop an HD2 (R1039) anschliessen
T1003 auf Max. abgleichen
L1007 (1,6 – 2,2 Vss)
C-Stecker ausziehen
L1005 abgleichen, dass die Farbbalken senkrecht stehen oder
- langsam durchlaufen
C-Stecker wieder einstecken



4. Pal-Identifikation

Oszilloskop am Kollektor von TR24 anschliessen L1008 und T1004 auf min. Amplitude abgleichen.
Kollektor von TR1010 mit Masse verbinden.
Oszilloskop an der Basis von TR1009 anschliessen.
T1004 einstellen bis der kleinere Impuls genau die halbe Amplitude des grösseren Impulses hat.
Abb. 4

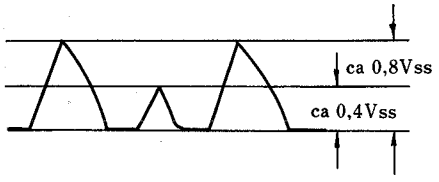


Abb. 4

5. Pal-Decoder

Farbbalkentestbild einstellen. Taste PAL-Aus am Generator drücken.
HB4 mit P30 verbinden. (Steuerplatine Abb. 2, Seite 9)
Oszilloskop am Kollektor von TR24 anschliessen
R1005 und L1003 wechselseitig auf min. Amplitude abgleichen.

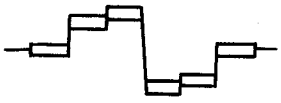
6. Referenzträger phasen

Farbbalkentestbild einstellen. TP22 und 23 mit Krokodilklemme verbinden.
0° Phase (B–Y)
Oszilloskop an Kollektor von TR26 anschliessen
Zeitablenkung so einstellen, dass zwei Zeilen übereinander geschrieben werden
L1004 abgleichen bis die Doppelkonturen verschwinden Abb. 5
90° Phase (R–Y)
Oszilloskop an Kollektor von TR24 anschliessen
Zeitablenkung wie bei 0° Phase
L1007 abgleichen bis die Doppelkonturen verschwinden Abb. 6

falscher Abgleich

richtiger Abgleich

Abb. 5



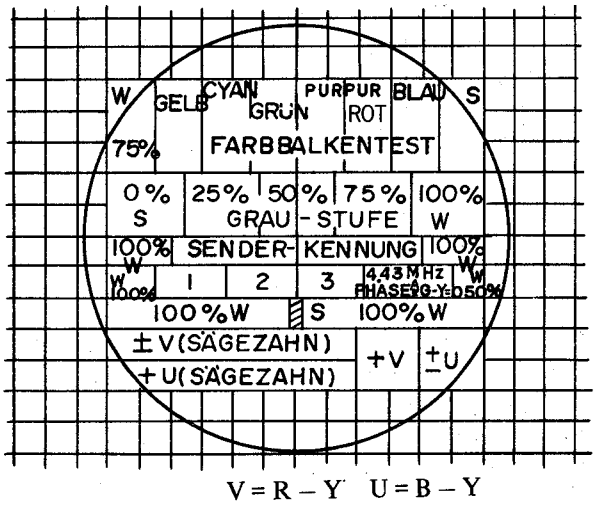
falscher Abgleich

richtiger Abgleich

Abb. 6

7. Abgleich mit dem elektronischen Testbild

Referenzträgerphasen
L1004 einstellen bis das +V-Feld farblos ist.
L1007 abgleichen bis das ±U-Feld farblos ist.
Pal-Decoder
R1005 abgleichen wenn die Felder +V und ±U einen Jalousie-Effekt zeigen
L1003 abgleichen wenn der ±V und U Sägezahn einen Jalousie-Effekt zeigen



V = R – Y U = B – Y

8. Farbabschalter (Killer) – Steuerplatine

Farbtestbild einstellen
Röhrenvoltmeter an HB4 anschliessen
R560 auf -4V ±0.05V einstellen

Einstellungen auf der Ablenkplatine

Sendertestbild einstellen

1. Vertikalablenkung

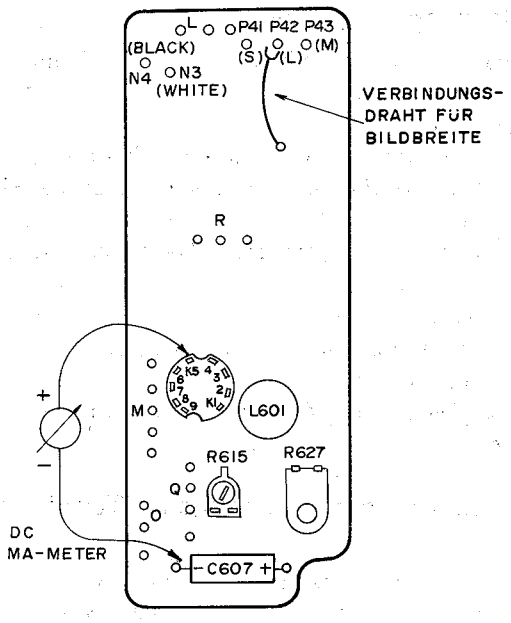
mAmperemeter von K5 nach dem Minuspol von C607 anschliessen
R615 auf 47mA $^{+1}_{-2}$ mA einstellen

2. Horizontalablenkung

Gittermustertestbild einstellen. Helligkeit max. Kontrast min.
Blauer Verbindungsdraht auf richtige Bildbreite einstellen an P41 – P42 oder P43.

3. Kissenentzerrung – nur für 17", 19"-Geräte

mit Gittermuster einstellen
Helligkeit max., Kontrast min
R627 nach rechts drehen und Kissenentzerrung optimal einstellen
L601 ganz nach rechts drehen

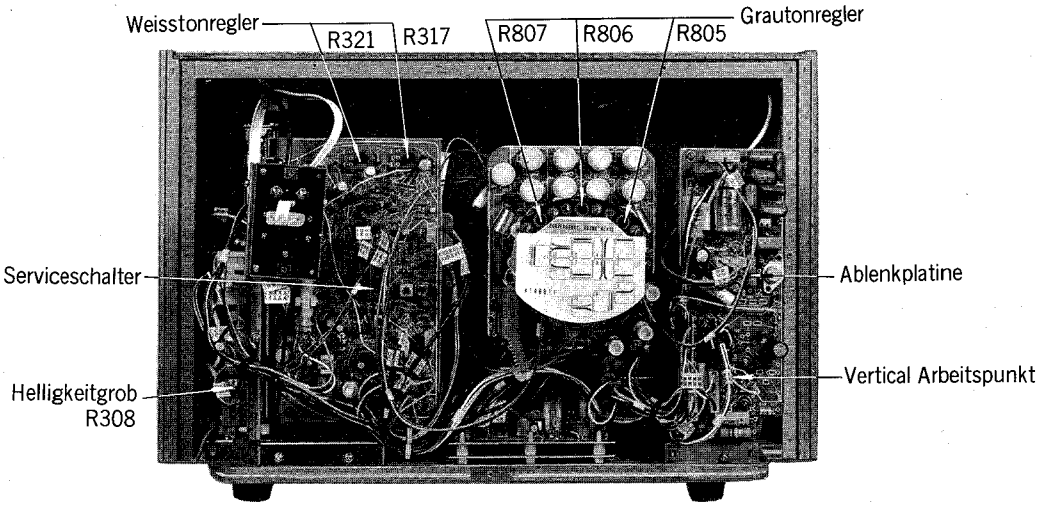


Weissabgleich - Grundhelligkeit

Helligkeitsregler, Kontrastregler und Helligkeitgrob (R308) zudrehen bis der Bildschirm ganz dunkel ist.
Farbtonregler und die Weisstonregler R321 und R317 auf Mittelstellung bringen
P34 und P35 (auf der Steuerplatine Abb 2.) verbinden
K5 über 220K mit N3 verbinden (Ablenkplatine siehe rechts oben).
Grautonregler R805 – R806 – R807 so einstellen, dass der Horizontalstrich gerade zu erkennen ist.
Verbindungen wieder aufheben
Helligkeitgrobregler aufdrehen, mit Helligkeitsregler ganz schwaches Bild einstellen (mit Grautreppe).

Mit R805 – R806 – R807 Grauton einstellen.
Helligkeit und Kontrast erhöhen. Mit den Weisstonreglern R321–R317 Spitzenweiss einstellen

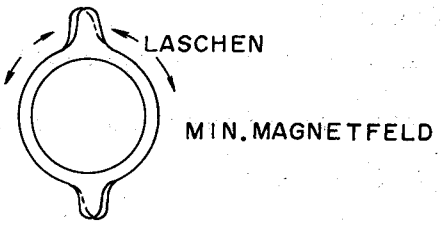
Grundhelligkeit
Voltmeter an N3 (auf Ablenkplatine siehe oben) anschliessen
Helligkeit-und Kontrast auf Max. stellen
Helligkeitgrobregler R308 einstellen auf:
–14V ± 1V beim 17" Gerät
– 3V ± 1V beim 15" Gerät

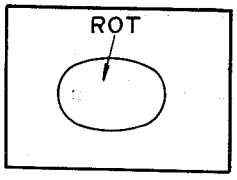


(CFP-475)

Einstellung der Farbreinheit

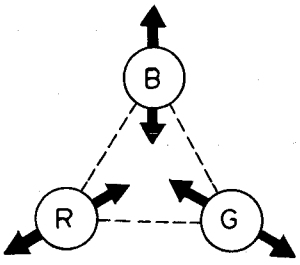
Die beiden Laschen der Farbreinheitsmagnete in Deckung bringen.
Das Gerät von allen Seiten mit einer Entmagnetisierspule entmagnetisieren.
Statische Konvergenz grob einstellen, dynamische Konvergenz grob einstellen, Serviceschalter auf Rot stellen, Ablenkspule lösen und ganz nach hinten ziehen, eventuell Ablenkspule nach vorn stossen, bis der Rotfleck am kleinsten ist.
Die beiden Farbreinheitsmagnete so drehen bis der rote Fleck genau im Zentrum und sich nicht aus dem Zentrum verschiebt, wenn die Ablenkspule nach vorn oder nach hinten geschoben wird. Die Ablenkspule so einstellen bis der ganze Bildschirm gleichmässig rot ist. Serviceschalter auf Mittelstellung bringen und Farbreinheit kontrollieren. Serviceschalter auf normal stellen, Farbreinheit kontrollieren und gegebenenfalls Einstellung wiederholen.



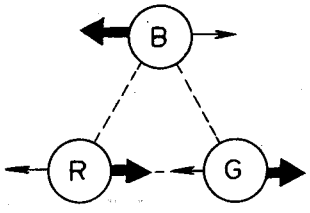


Einstellung der statischen Konvergenz

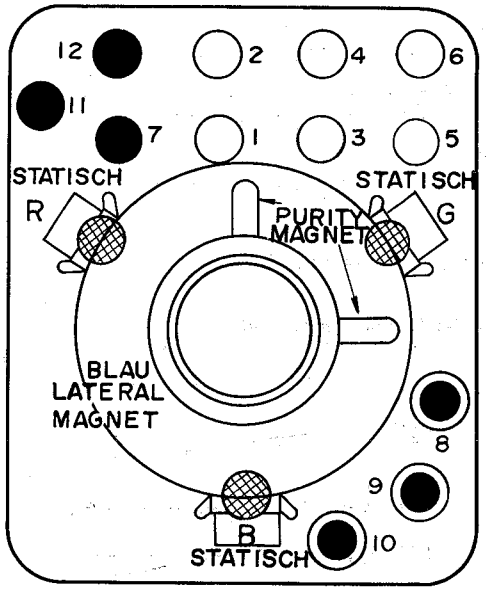
Gittermuster-Testbild einstellen. Serviceschalter auf Gelb stellen. Statische Konvergenz Rot-Grün Linien zur Deckung bringen. Serviceschalter auf Norm. Stellen, statische Konvergenz Blau einstellen. Mit Konvergenzmagnet B blaue Horizontallinien mit gelben Hor. Linien in Deckung bringen. Mit B-Lateralscheibe vertikale Linien Gelb und Blau in Deckung bringen. Gegebenenfalls Lateralscheibe um 180° drehen.



RGB Konvergenz-einstellung



Lateraleinstellung

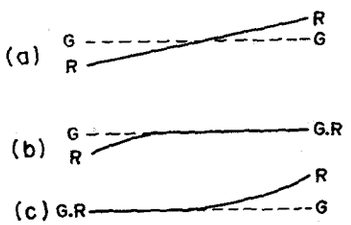


Statische Konvergenz
dynamische Konvergenz links und rechts
dynamische Konvergenz oben und unten

Einstellung der dynamischen Konvergenz

1. Grundeinstellung

Vorgängig zu dieser Einstellung gegebenenfalls statische Konvergenz einstellen.
Die Verbindungsdrähte rot und grün auf der Konvergenzplatine ausziehen.
Ergibt sich dabei folgender Fehler:



Verbindungdrähte gemäss **Abb. 7** anschliessen

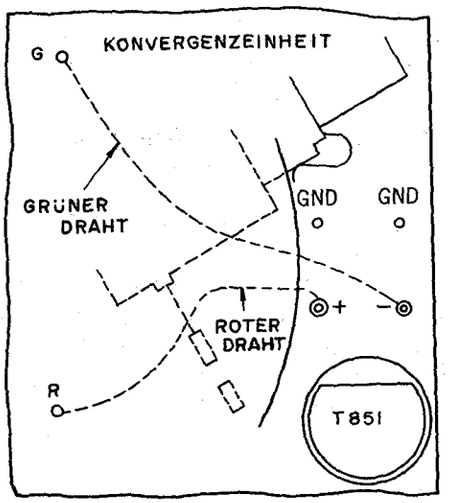
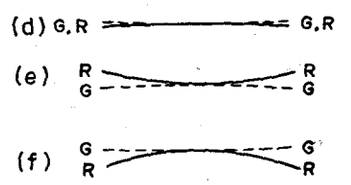


Abb. 7

Wenn der Konvergenzfehler wie folgt aussieht:



Verbindungsdrähte gemäss **Abb. 8** anschliessen

wenn der der Konvergenzfehler wie folgt aussieht:

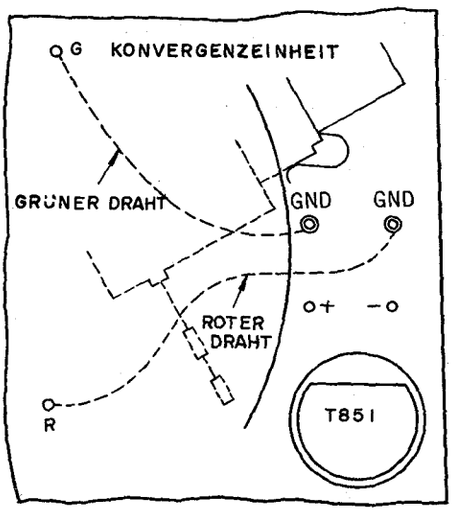
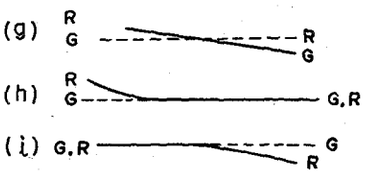


Abb. 8



Verbindungsdrähte gemäass **Abb. 9** anschliessen

gegebenenfalls statische Konvergenz Korrigieren

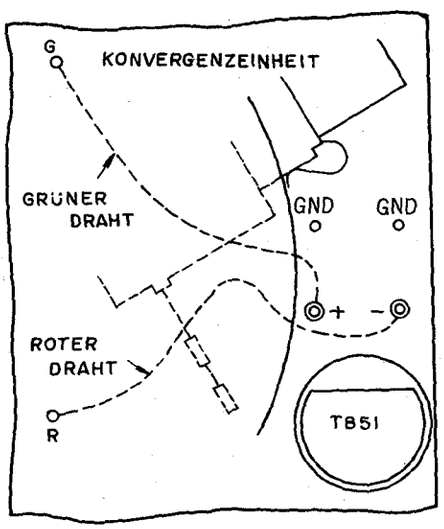


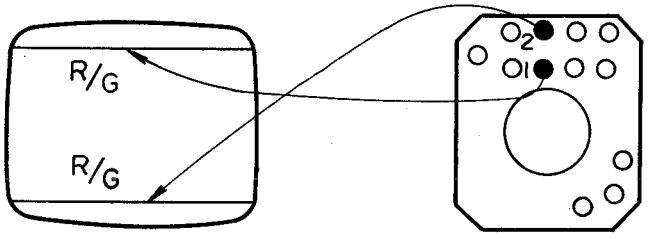
Abb. 9

2. Serviceeinstellung

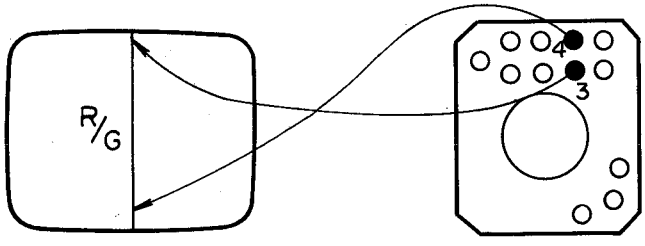
Die Einstellung soll in der nun folgenden Reihenfolge vorgenommen werden.

Hinweis: Wird durch diese Einstellung die Konvergenz im statischen Bereich beeinflusst, muss diese unmittelbar mit den statischen Konvergenzmagneten korrigiert werden.

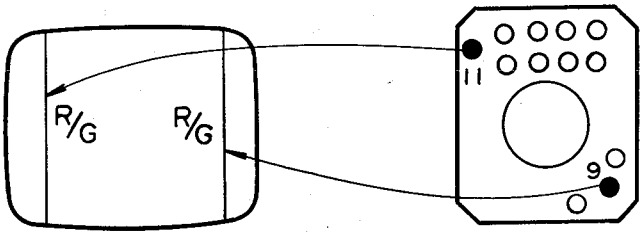
Serviceschalter auf Gelb stellen



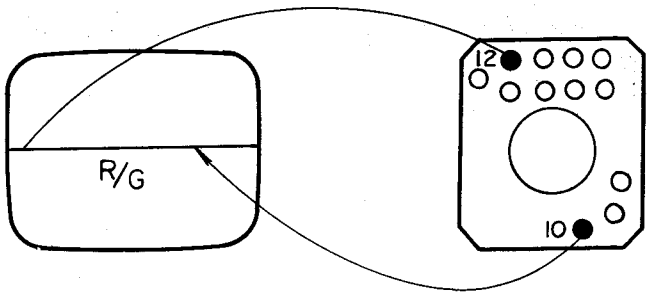
R–G Konvergenz oben und unten auf beste Deckung einstellen



R–G Konvergenz für die mittleren Senkrechten auf beste Deckung einstellen

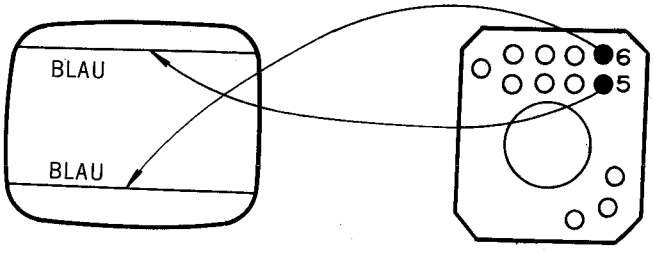


R–G Konvergenz für die äusseren Senkrechten auf beste Deckung einstellen

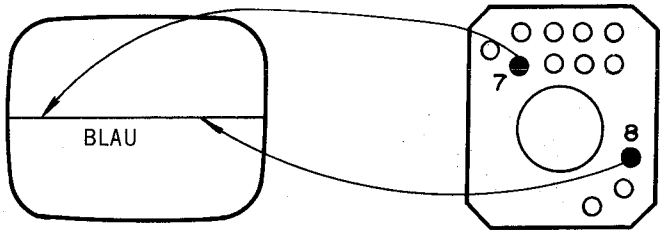


R–G Konvergenz für die mittleren Waagrechten auf beste Deckung einstellen

Serviceschalter auf normal stellen statische Konvergenz kontrollieren und gegebenenfalls korrigieren



Oben und unten Konvergenz auf beste Deckung einstellen



Konvergenz Blau für die mittleren Waagrechten auf beste Deckung einstellen

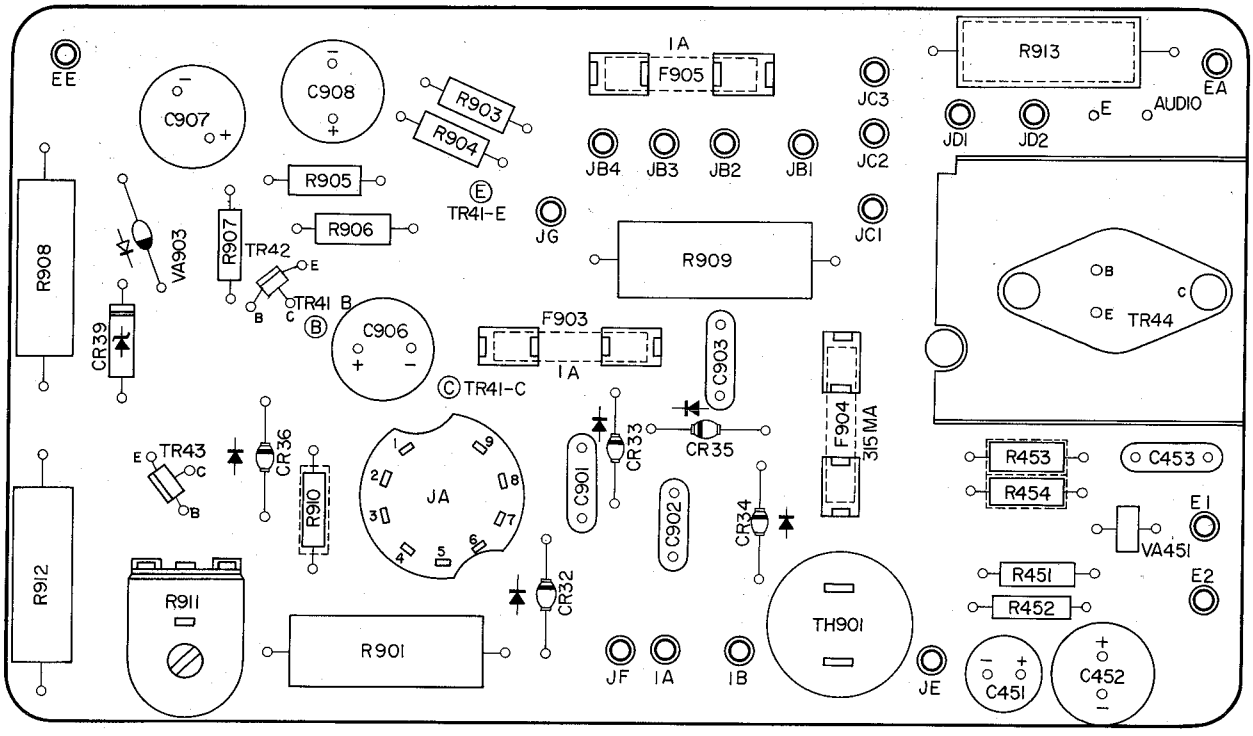
Gegebenenfalls statische Konvergenz korrigieren. Kann die Konvergenz R–G nicht optimal eingestellt werden, muss die Grundeinstellung durchgeführt werden und anschliessend die Konvergenzeinstellung nochmals eingestellt werden.

Ist die Konvergenz der äusseren Senkrechten für Blau ungenügend, gegebenenfalls Konvergenzeinheit nach links oder rechts verdrehen.

Lagepläne

Netzteil- und Tonplatine

Bestückungsseite



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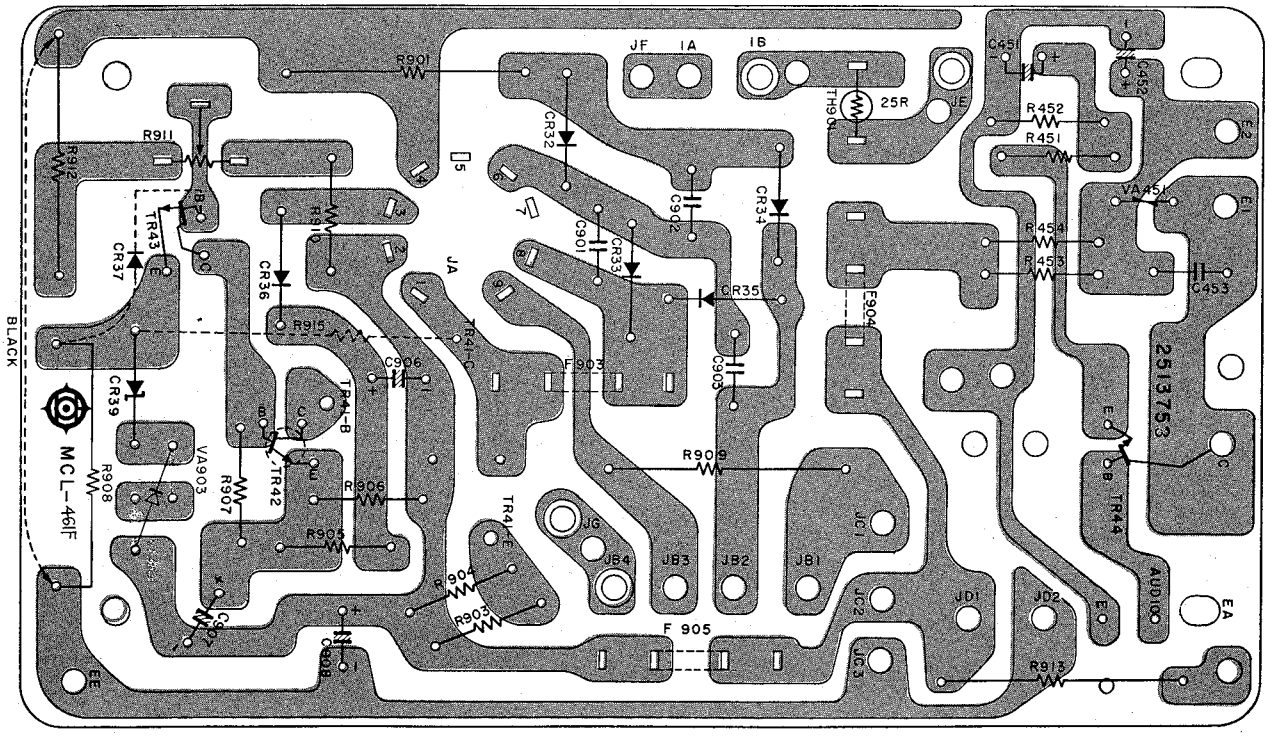

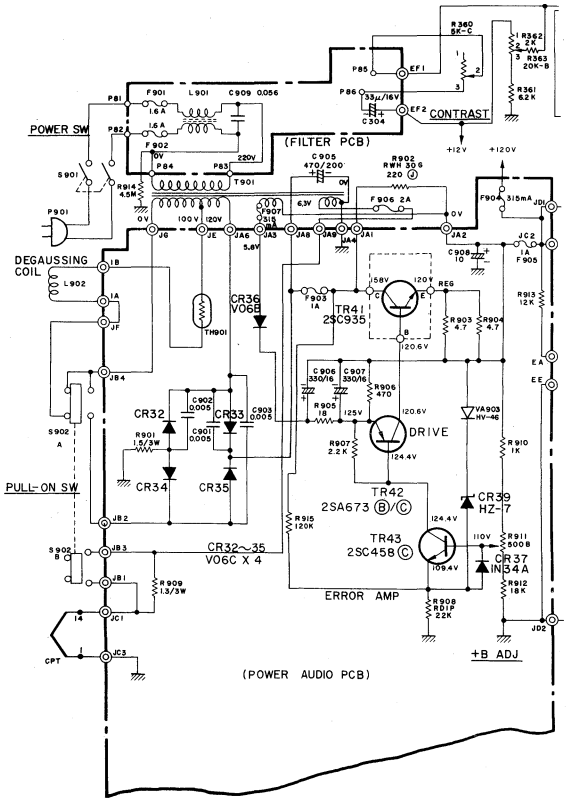

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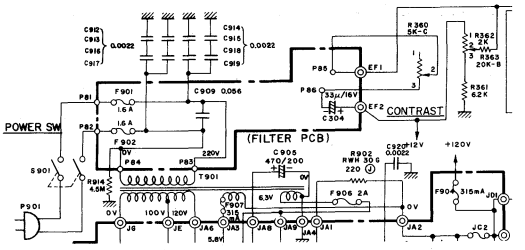

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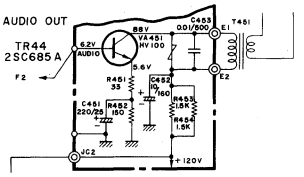
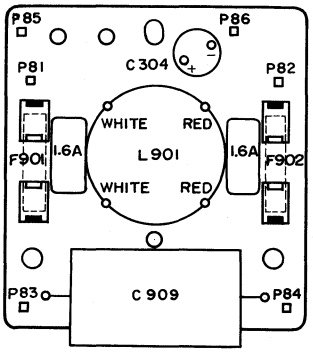
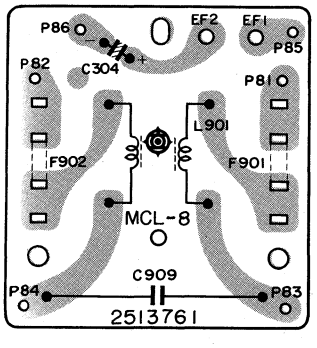


Netzfilterplatine

Bestückungsseite Lötseite **Bestückungsseite** Lötseite





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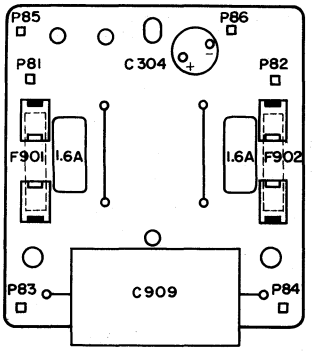

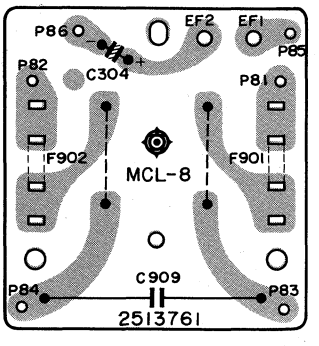

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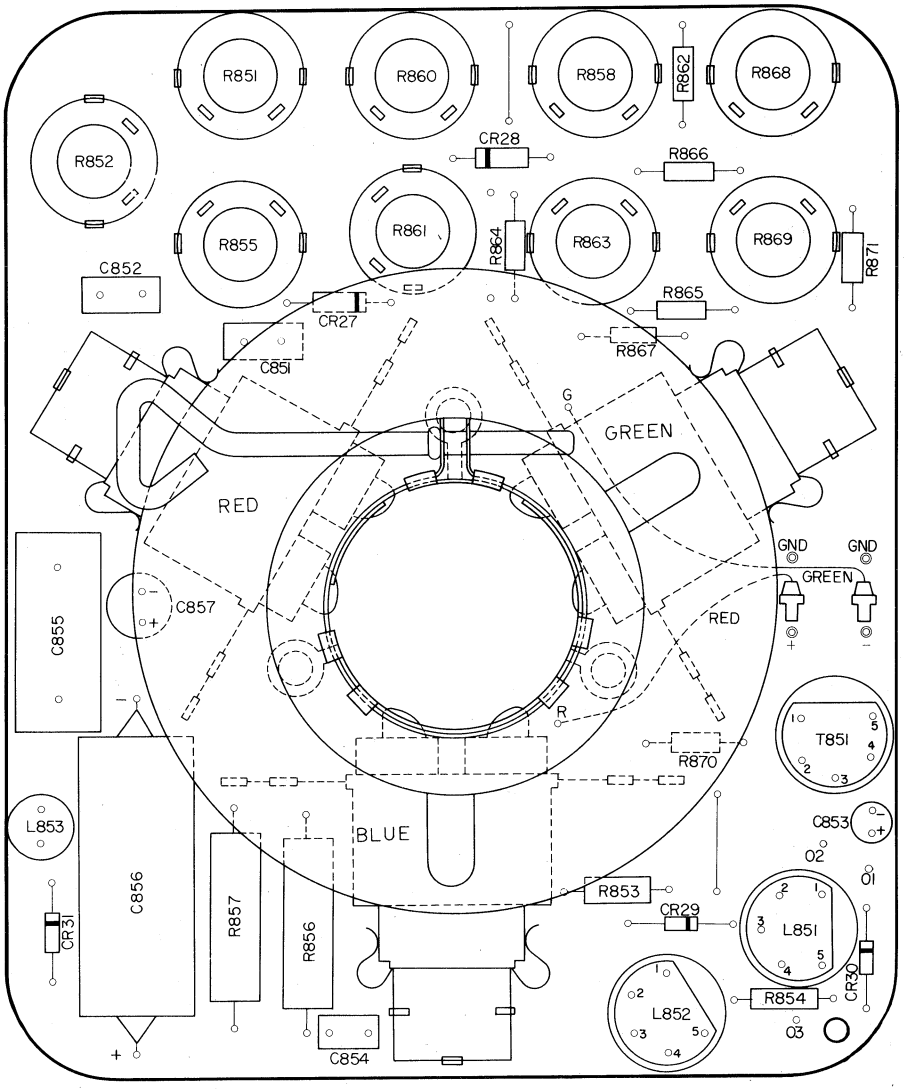
Konvergenzplatine

Bestückungsseite



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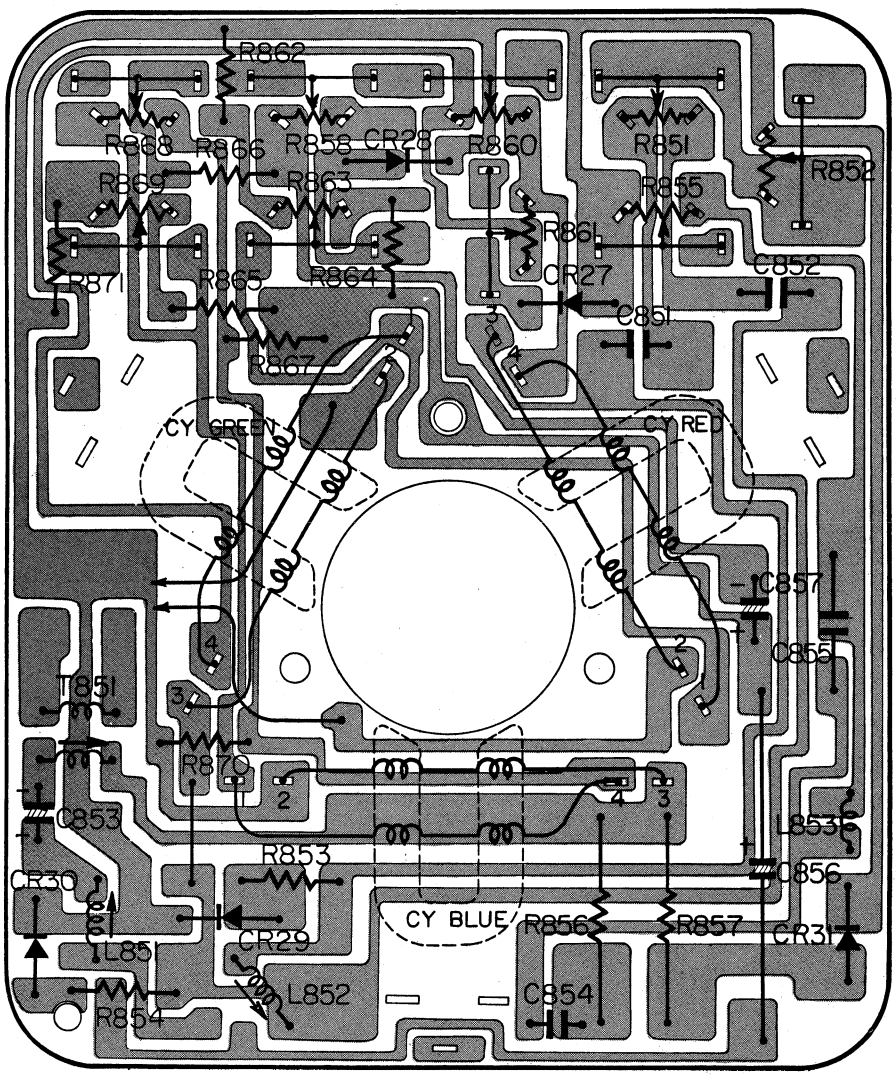
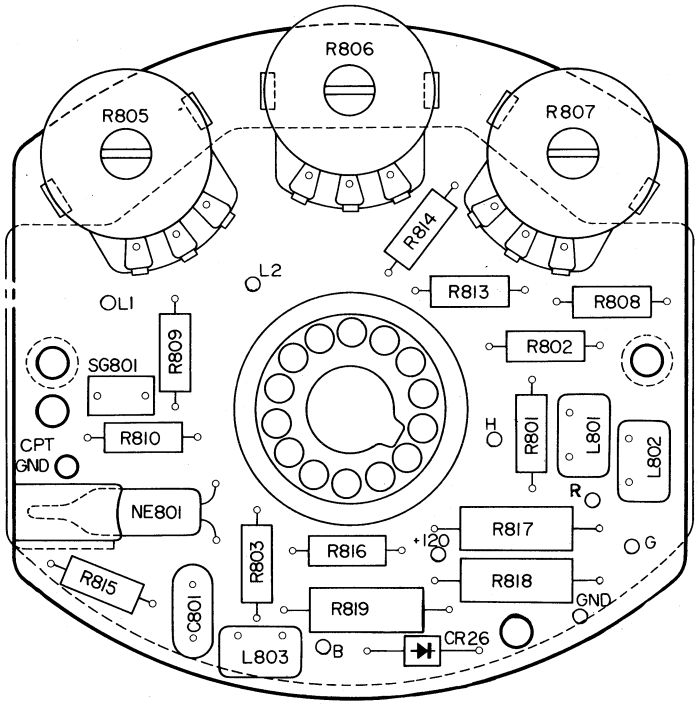


(15″, 17″)

Bildröhrenplatine

Bestückungsseite



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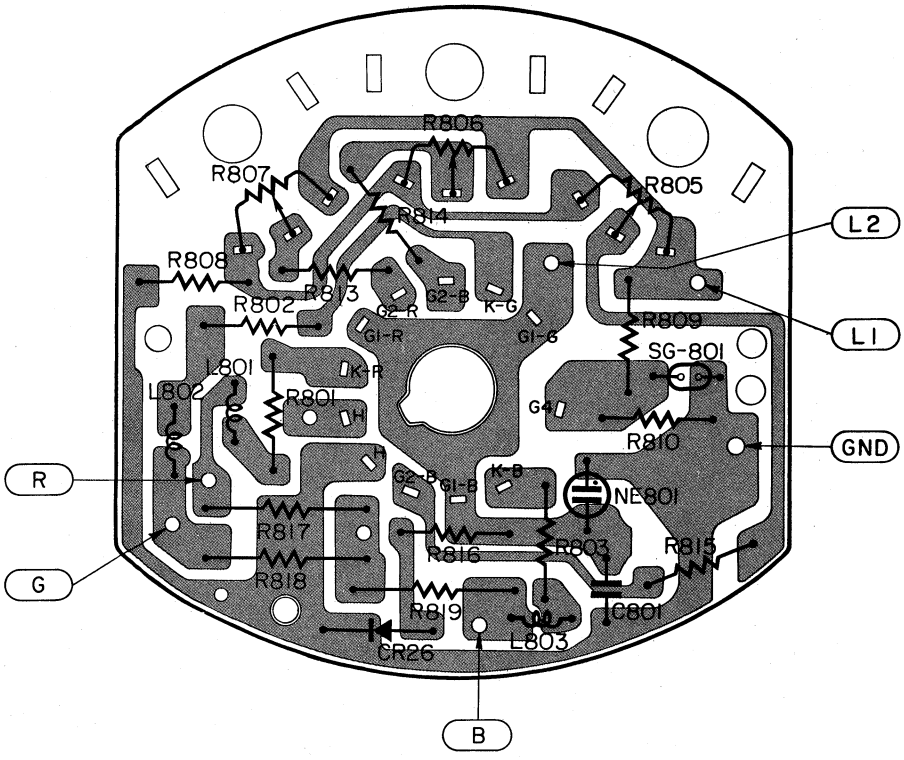
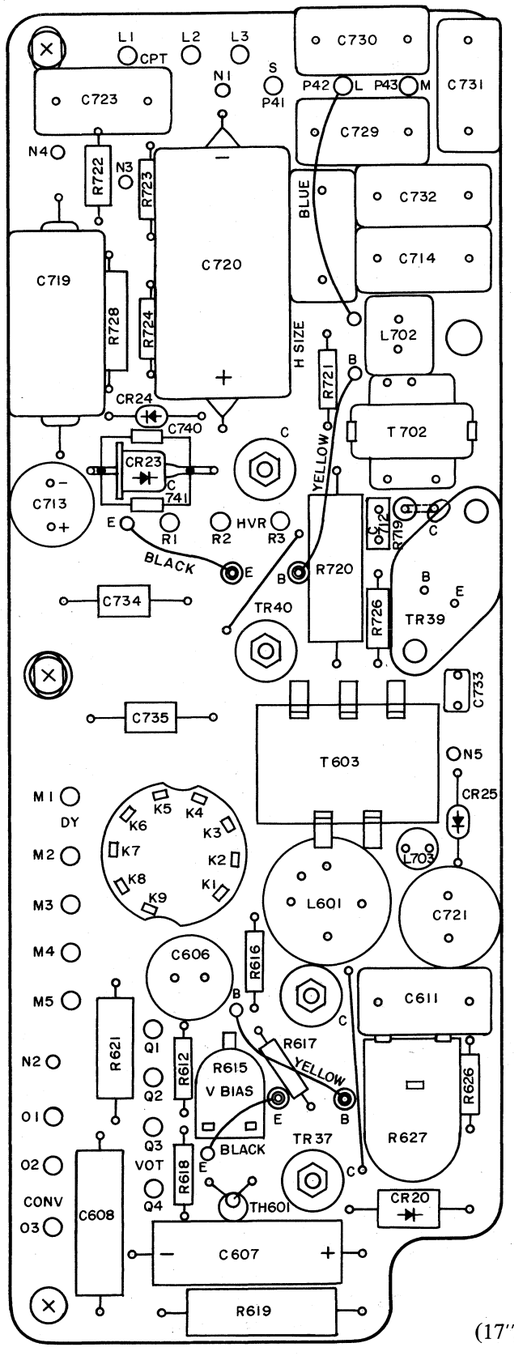


Ablenkplatine

Bestückungseite



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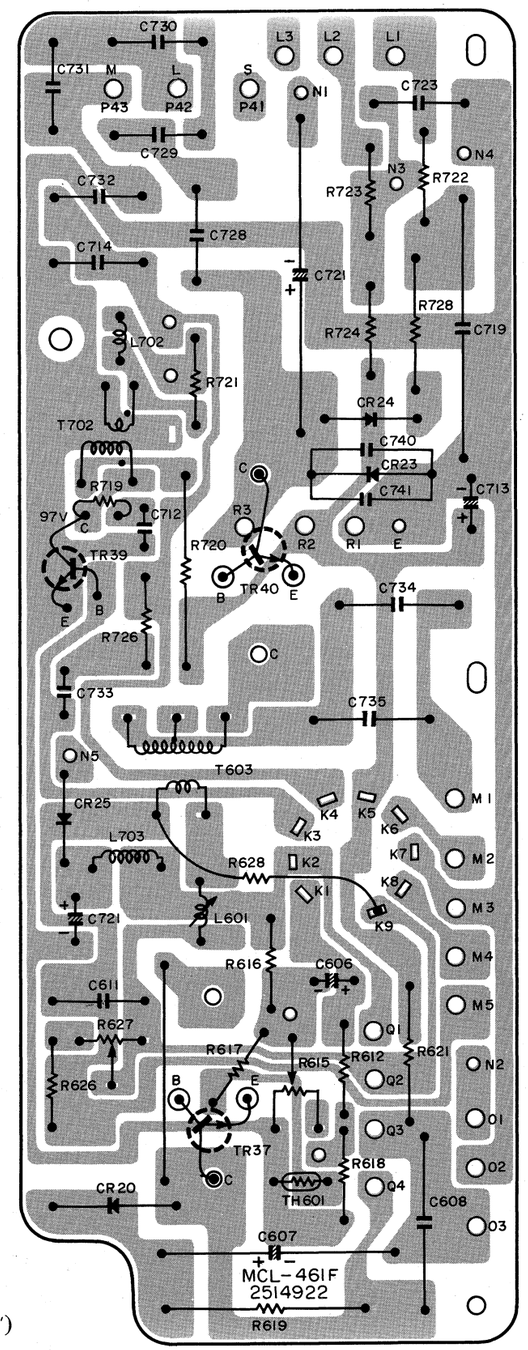

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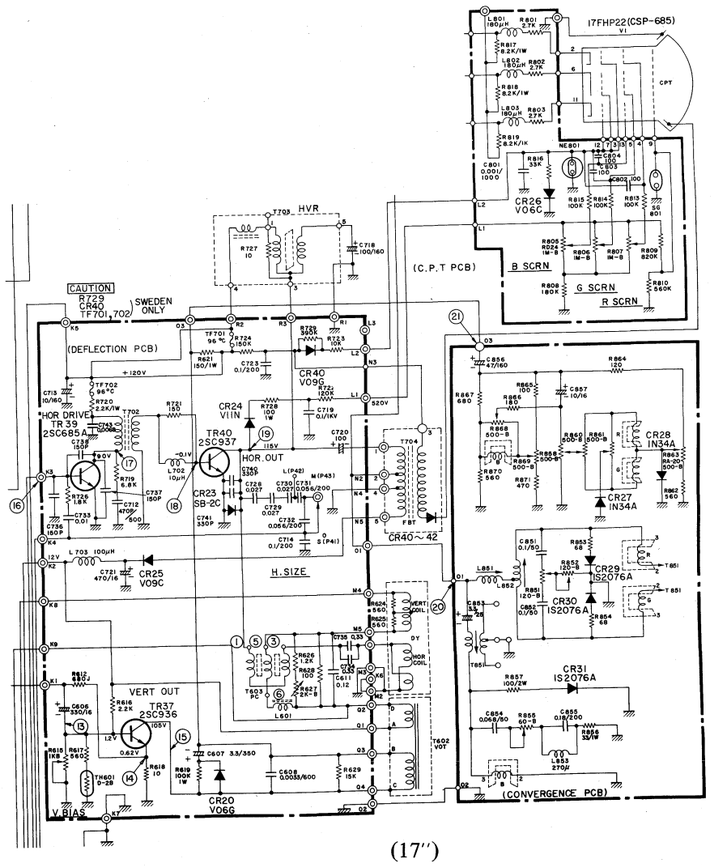

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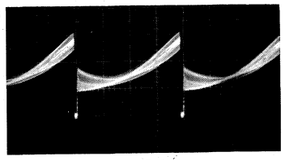
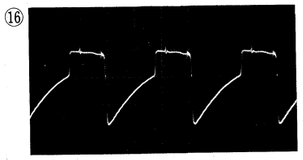
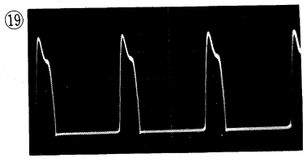
⑬ 

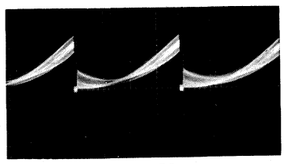
TR37-B 3 Vss

⑯ 

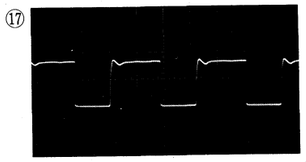
TR39-B 5.6 Vss

⑲ 

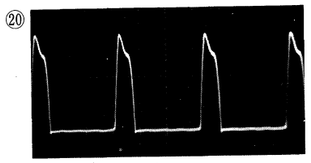
TR40-C 740 Vss

⑭ 

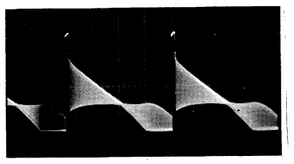
TR37-E 2 Vss

⑰ 

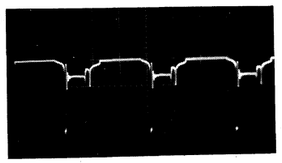
TR39-C 180 Vss

⑳ 

O_1 180 Vss

⑮ 

TR37-C 370 Vss

⑱ 

TR40-B 14 Vss

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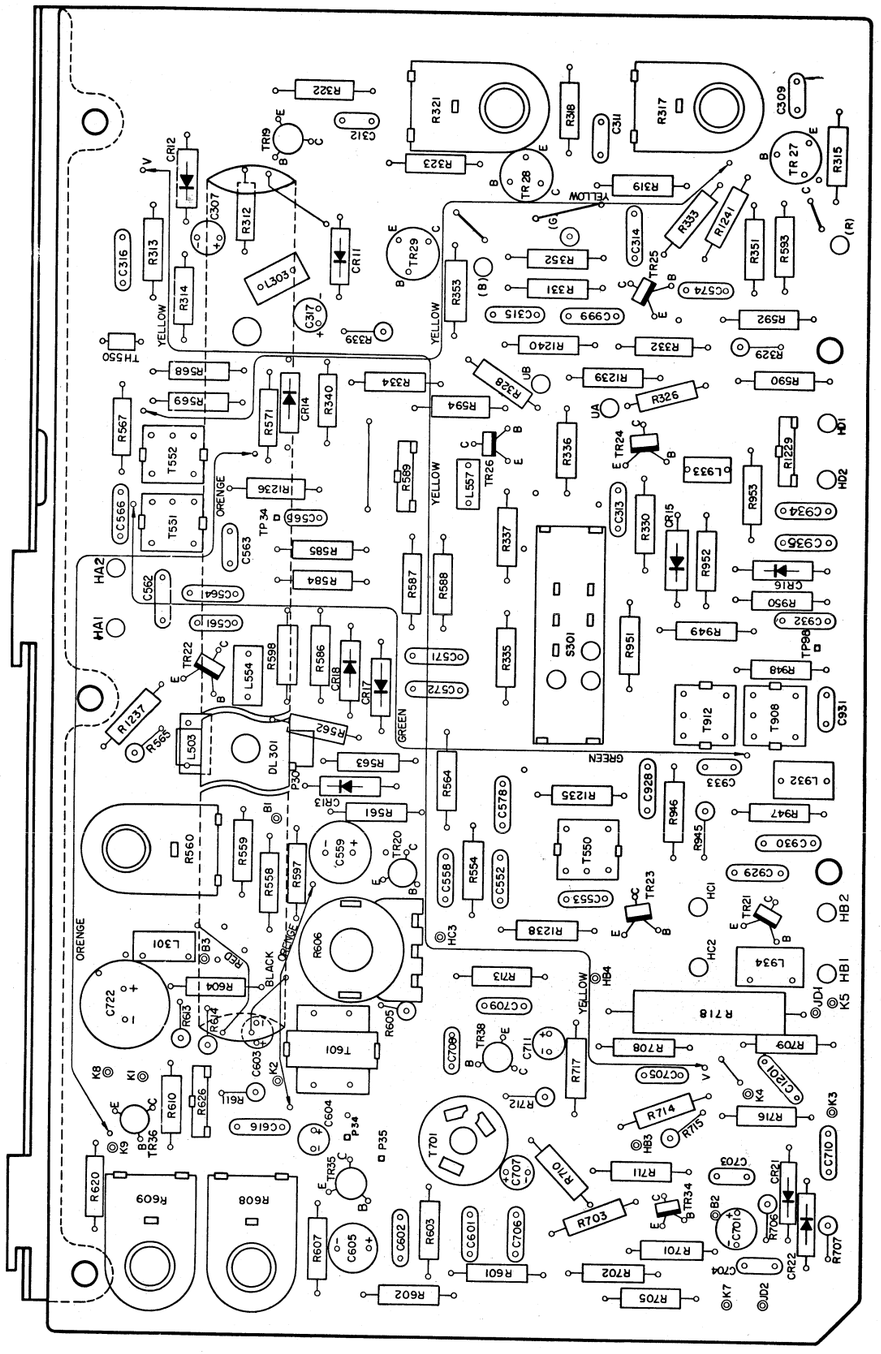
O_3 18 Vss

Steuerplatine

Bestückungsseite



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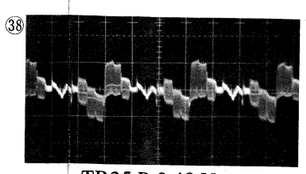
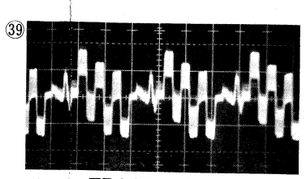


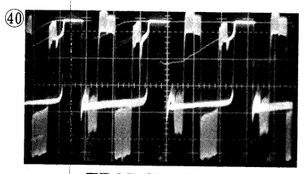
TR25-B 0,48 Vss

39



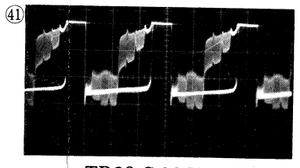
TR26-B 0,9 Vss

40



TR27-C 100 Vss

41



TR28-C 90 Vss

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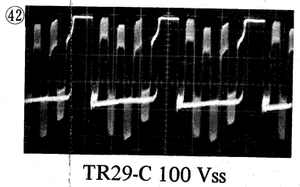
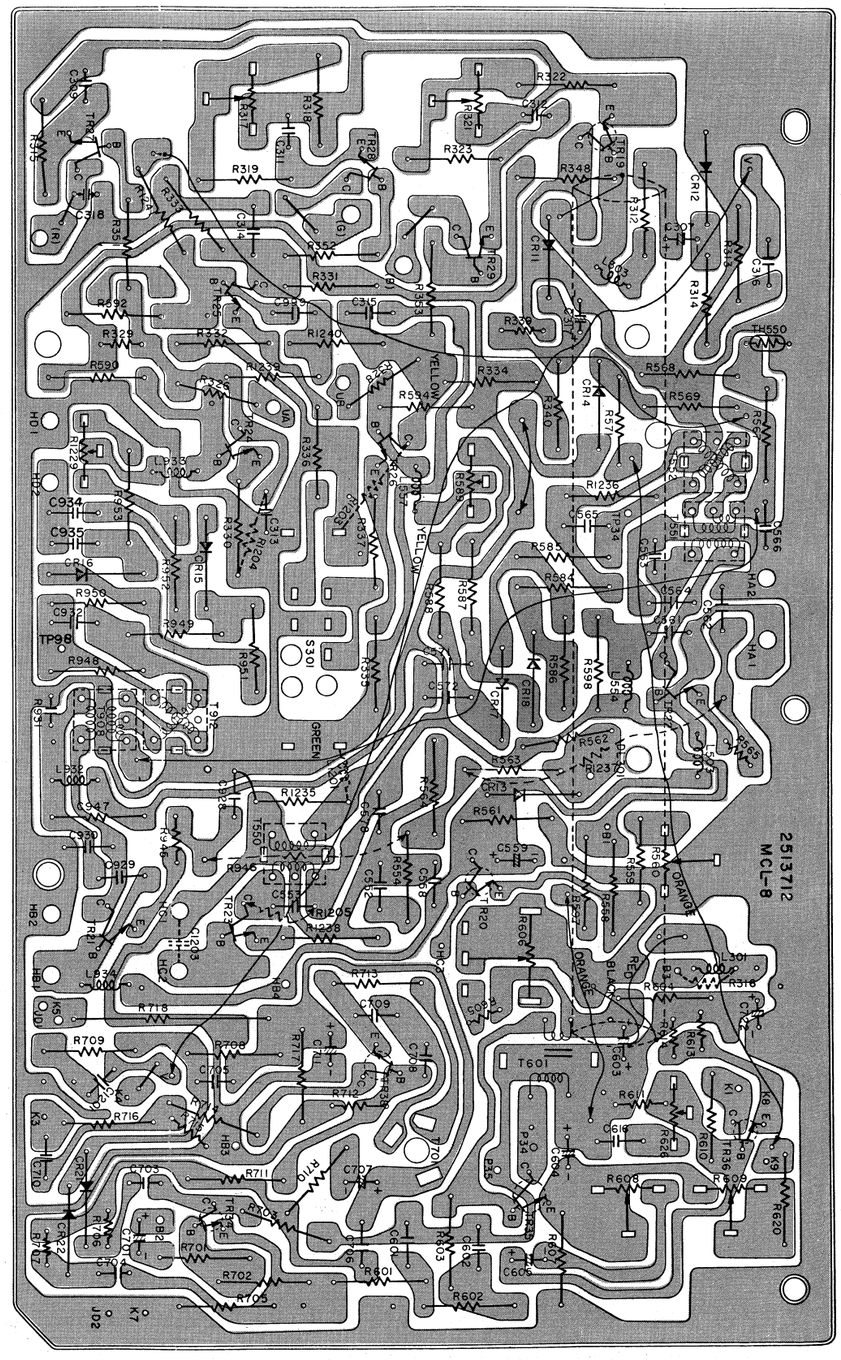
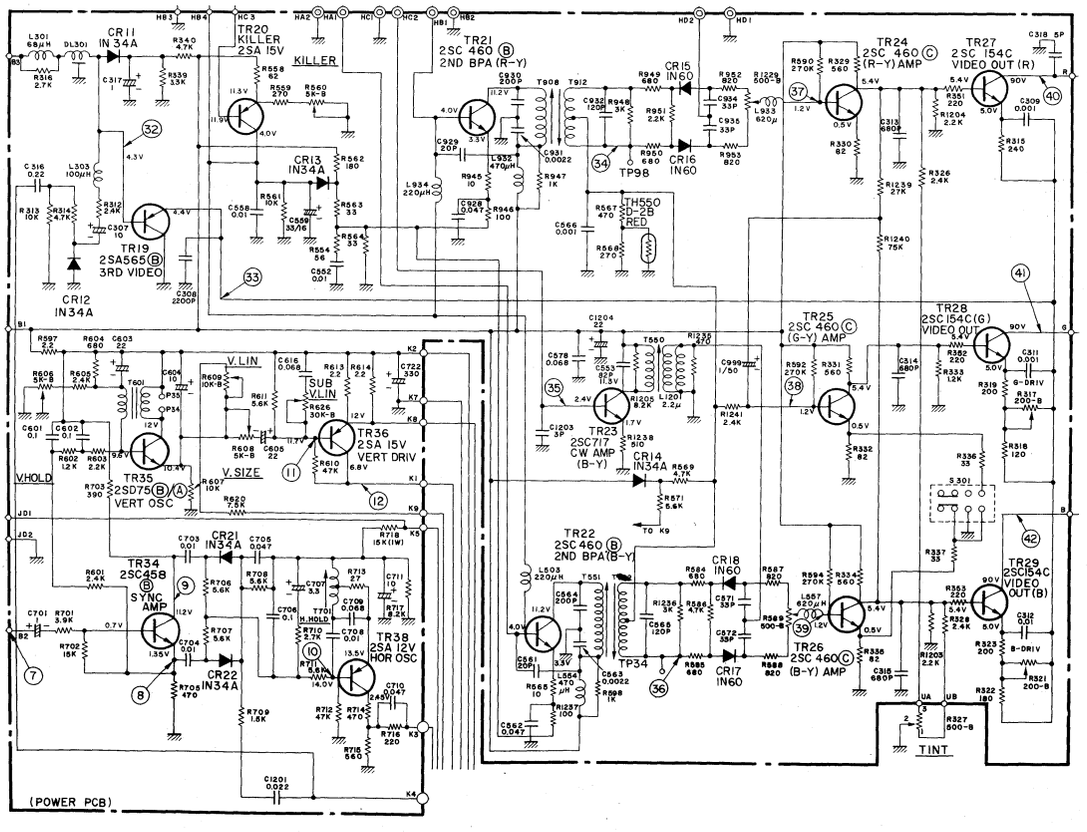


TR29-C 100 Vss

Steuerplatine

Lötseite





(15″, 17″)

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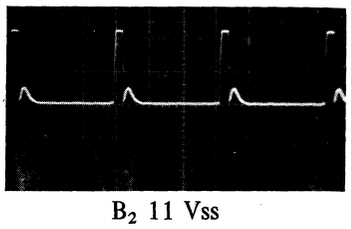
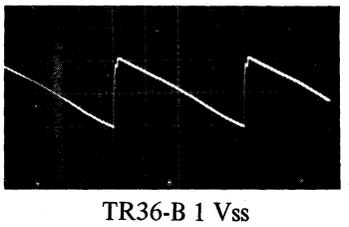


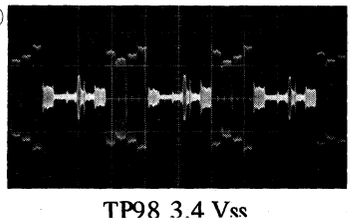
B_2 11 Vss

⑪



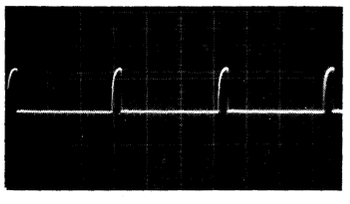
TR36-B 1 Vss

㉞



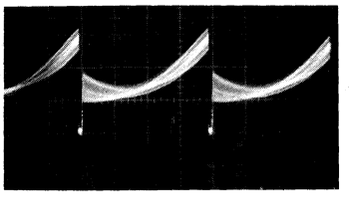
TP98 3,4 Vss

⑧



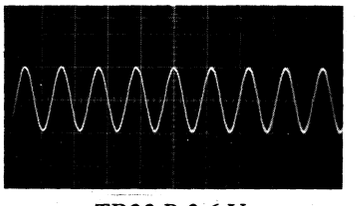
TR34-E 7 Vss

⑫



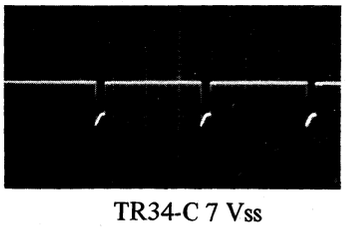
TR36-C 3 Vss

㉟



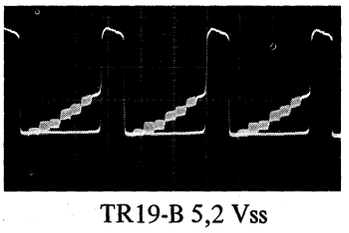
TR23-B 3,6 Vss

⑨



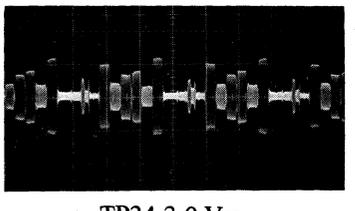
TR34-C 7 Vss

㉜



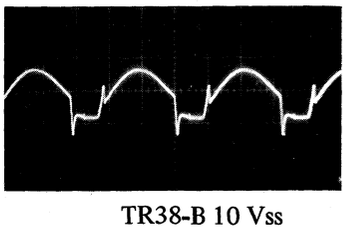
TR19-B 5,2 Vss

㊱



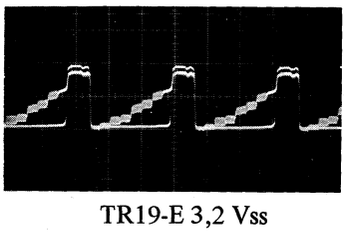
TP34 3,0 Vss

⑩



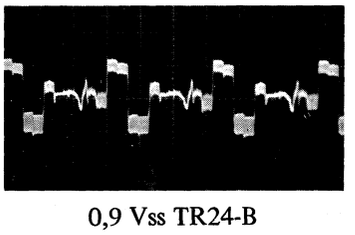
TR38-B 10 Vss

㉝



TR19-E 3,2 Vss

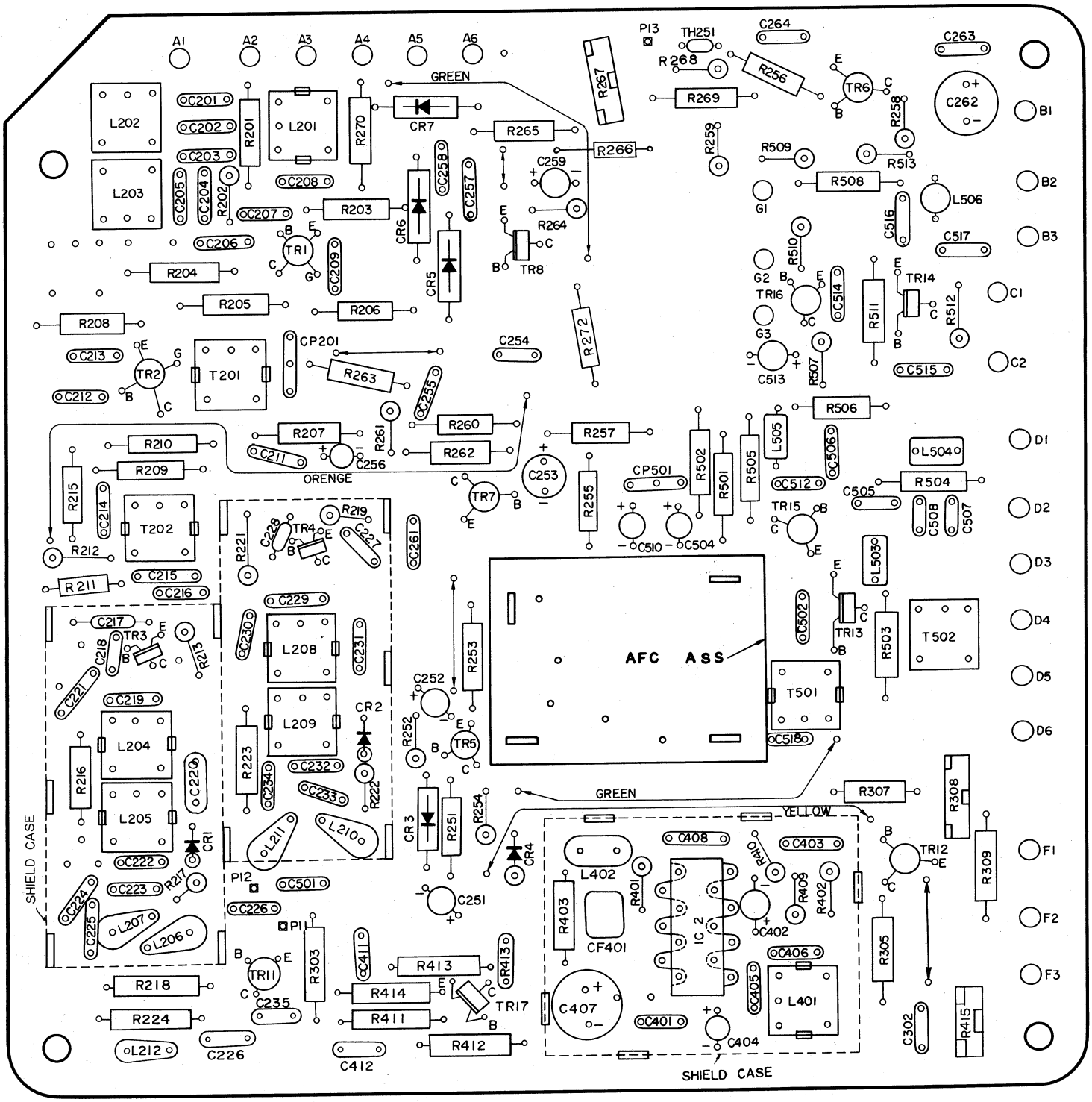
㊲

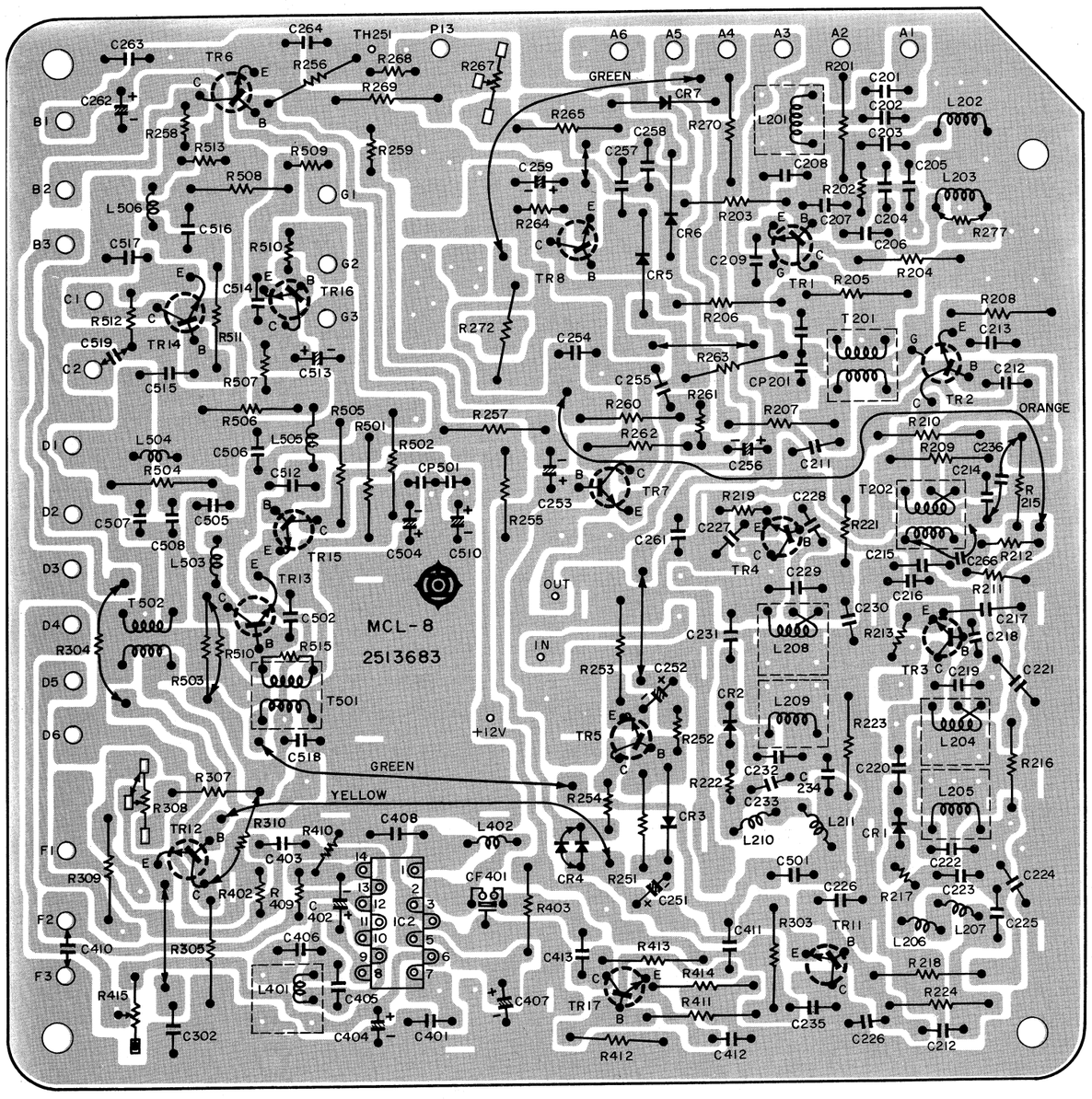


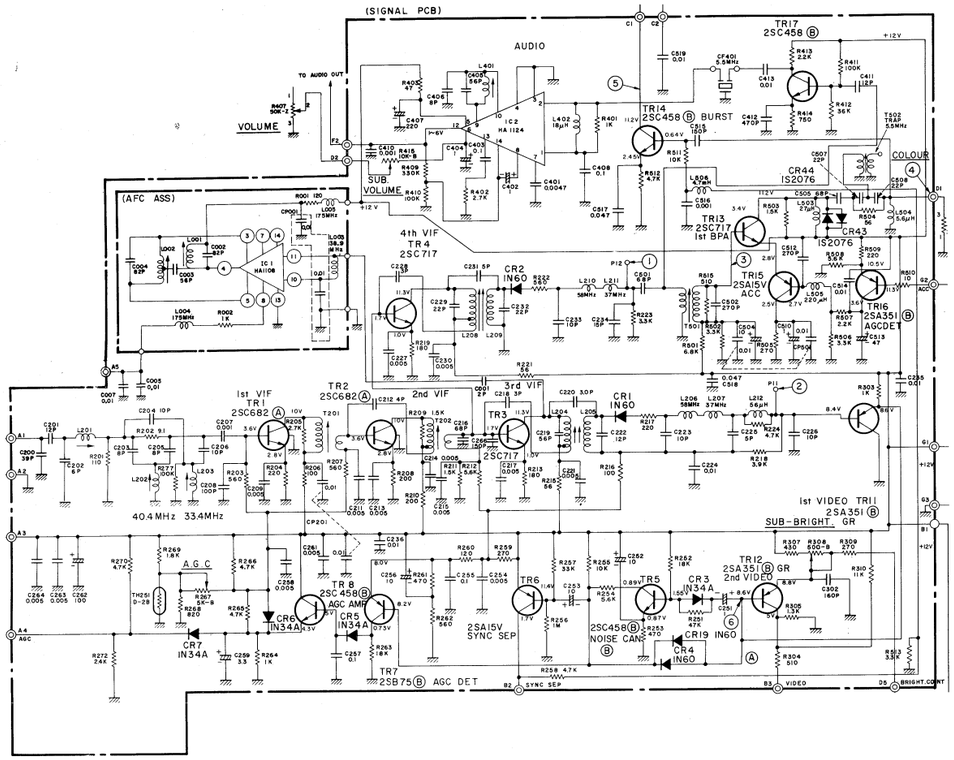
0,9 Vss TR24-B

Signal-Platine

Bestückungsseite







(15", 17")

① P12 1 Vss

④ D_1 0,36 Vss

② P11 0,88 Vss

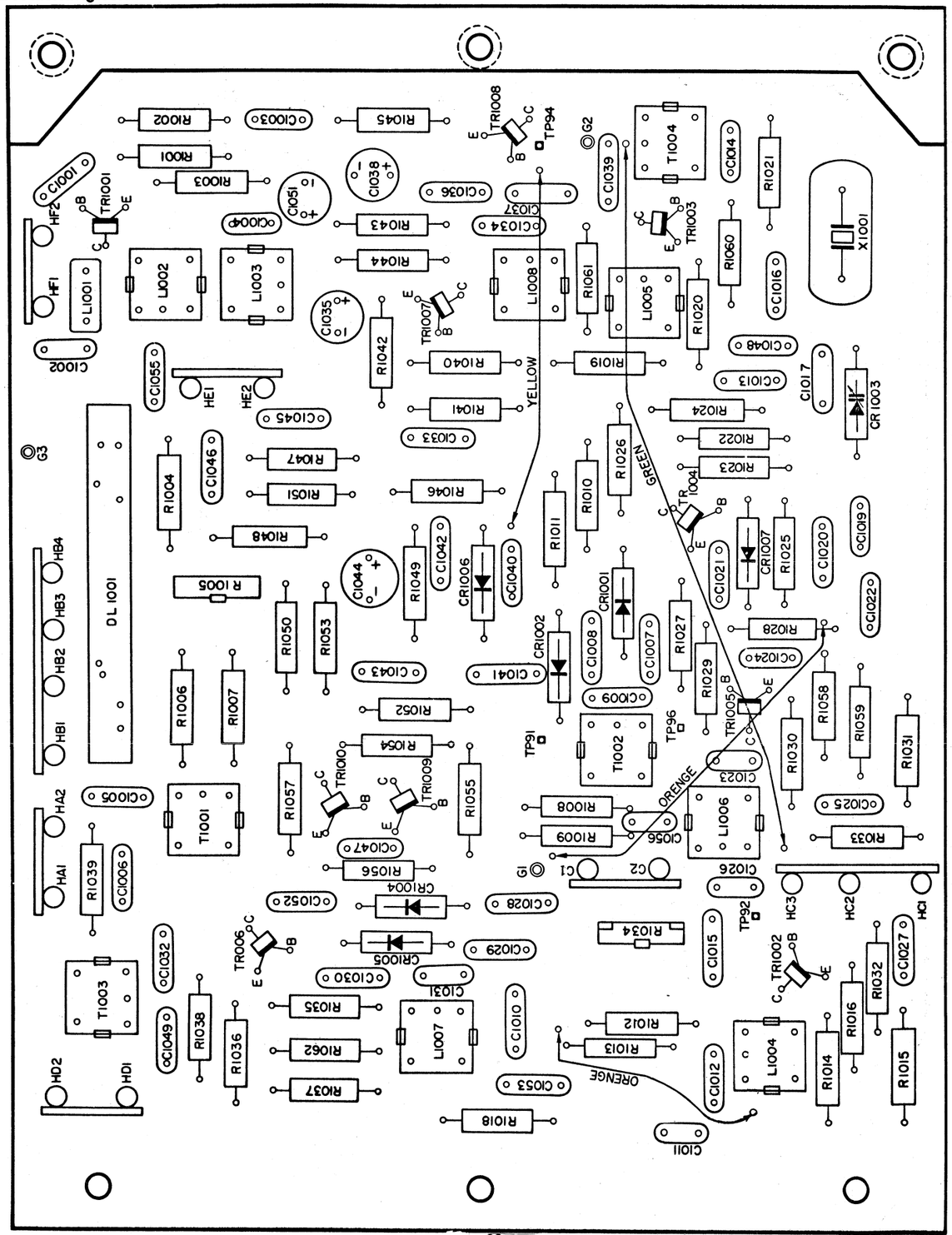
⑤ C_1 6 Vss

③ TR13-B 0,99 Vss

⑥ TR12-B 0,82 Vss

Palplatine

Bestückungsseite



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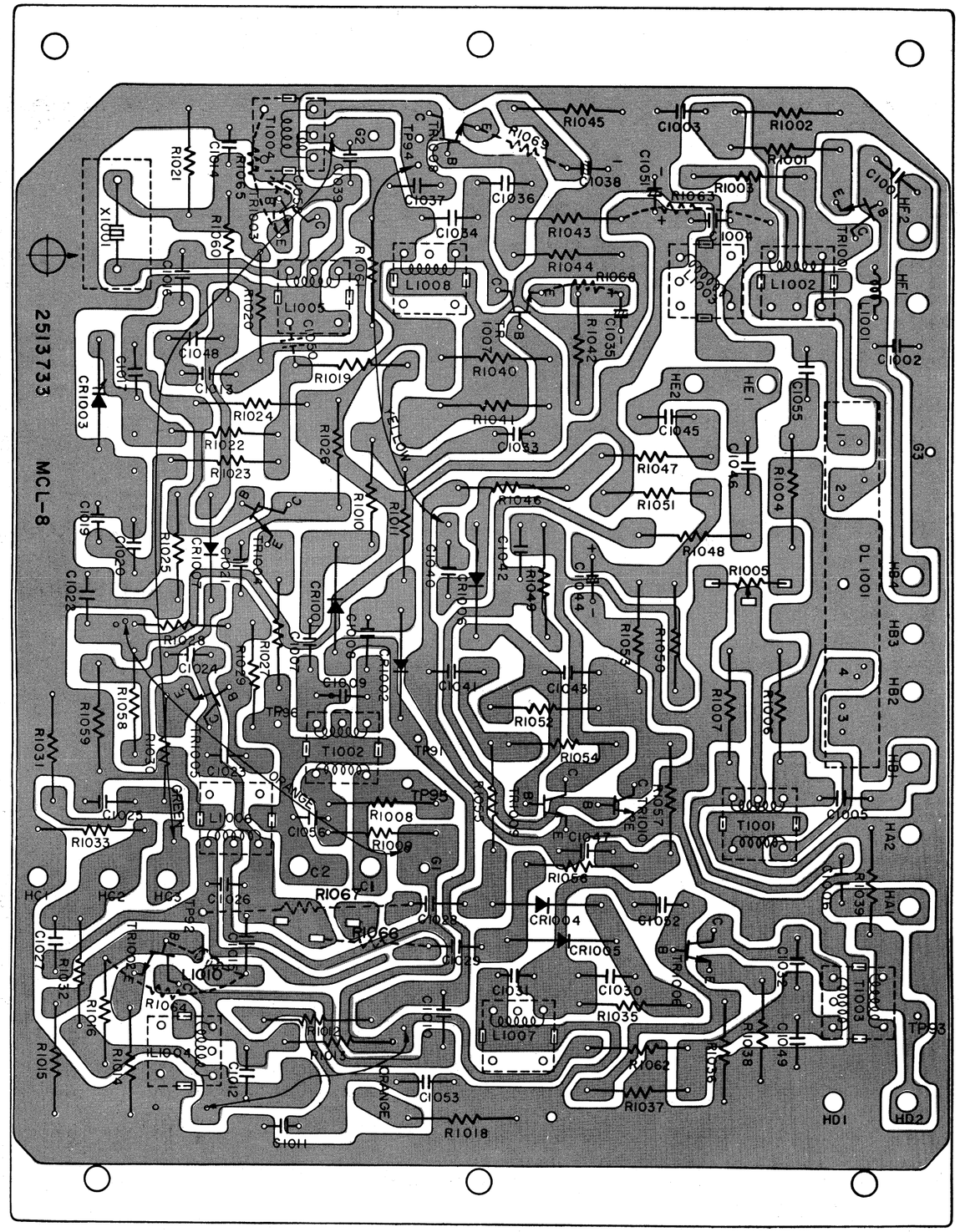
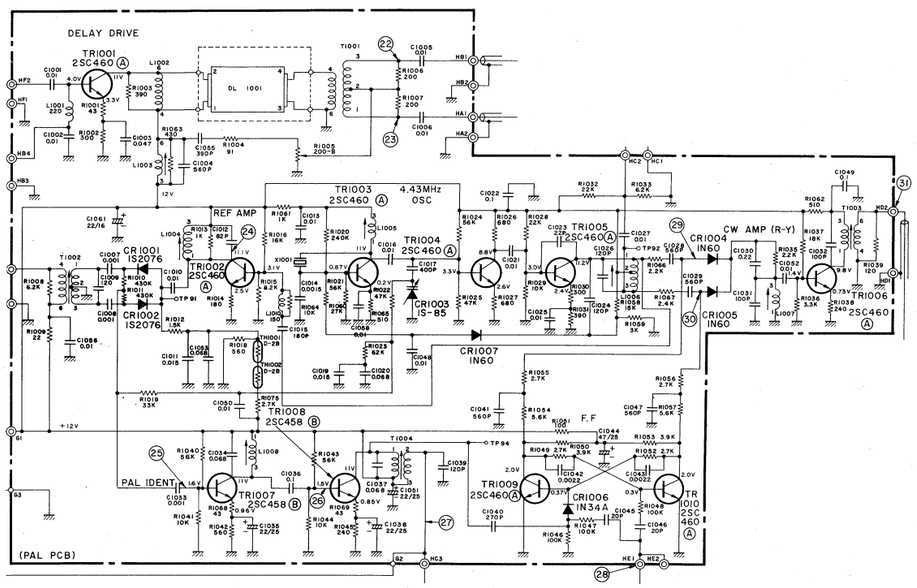
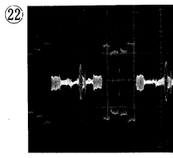
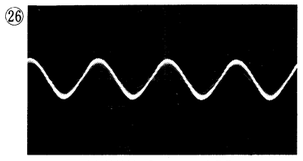


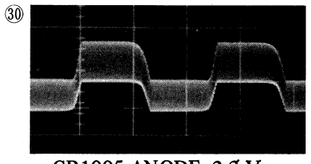




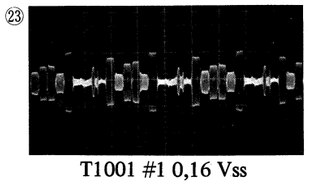
T1001 #3 0,20 Vss



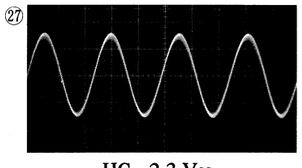
TR1008-B. 0,26 Vss



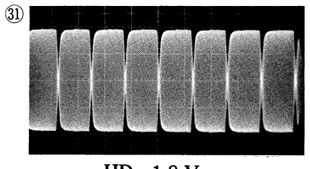
CR1005 ANODE 2,3 Vss



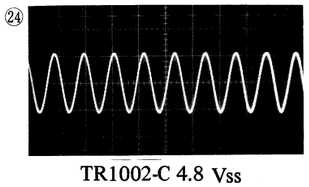
T1001 #1 0,16 Vss



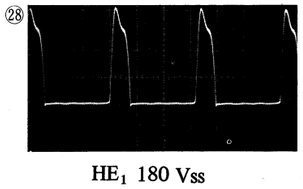
HC_3 2,3 Vss



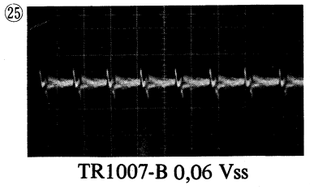
HD_2 1,8 Vss



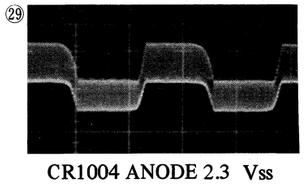
TR1002-C 4.8 Vss



HE_1 180 Vss



TR1007-B 0,06 Vss



CR1004 ANODE 2.3 Vss

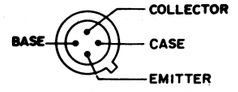
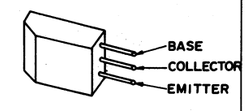
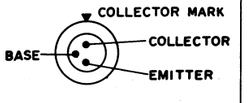
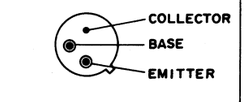
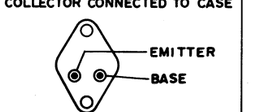
Messbedingungen

alle Spannungen gemessen mit DC-Röhrenvoltmeter
Spannungen gelten für Sendertestbild mit Normfarbbalken
Oszillogramme gemessen mit Oszilloskop, Tastkopf 10:1 verwenden

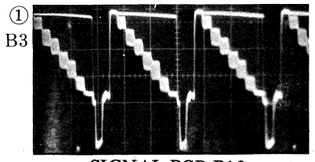
Deutsche Uebersetzung der im Schaltbild enthaltenen englischen Bezeichnungen

ACC	aut. Färbregelung	Power-Audio PCB	Netzteil-Tonteilplatine
AFC	aut. Scharfabstimmung	sub. Brightness	Helligkeit grob
AFC PCB	AFC-Baustein	synch. Sep.	Amplitudensieb
AMP	Verstärker	Signal PCB	Signalplatine
Audio	Ton	V. hold	Vertikal Bildfang
Brightness	Helligkeit	Vert. out	Vertikal Endstufe
C.P.T.	Farbbildröhre	V. size	Bildhöhe
C.W.	Referenzträger	Vertical Driver	Vertikal Treiber
Contrast	Kontrast	VIF	Bildzwischenfrequenz
Delay Drive	Treiber für Pal-Decoder	V. Bias	vert. Arbeitspunkt
Deflection	Ablenkung		
Error Amp.	Fehlerverstärker		
HVR	Hochspgs. regelung		
H. size	Bildbreite		
Ref. Amp.	Referenzträger-Verst.		
Power Switch	Netzschalter		
Power PCB	Steuerplatine		

Transistorenanschlüsse

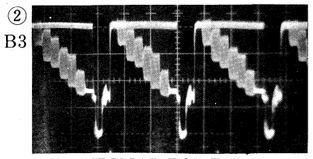
VIEW	TYPE
	2SC682 (A) 2SC683 2SC1117
	2SC458 (A) 2SC717 2SC458 (B) 2SC684 2SC460 (A) 2SA673 (B)/(C) 2SC460 (B) 2SC460 (C)
	2SA12V 2SA15 (V) 2SB77 (B) 2SA351 (B) GR 2SD75 (B) 2SA565 (B) 2SB75 (B)
	2SC154 (C)
COLLECTOR CONNECTED TO CASE 	2SC685A 2SC935 2SC936 2SC937

① B3



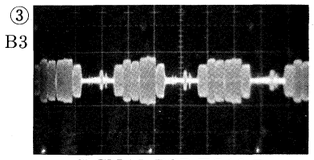
SIGNAL PCB P12
1 Vss

② B3



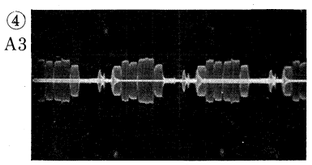
SIGNAL PCB P11
0,88 Vss

③ B3



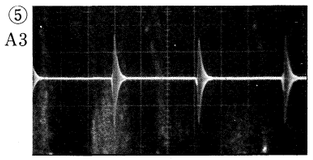
SIGNAL PCB TR13-B
0,99 Vss

④ A3



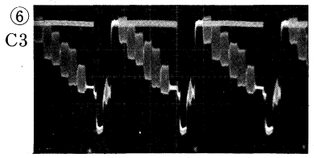
SIGNAL PCB D_1
0,36 Vss

⑤ A3



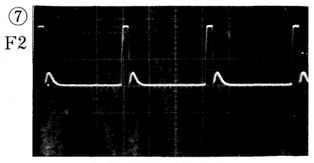
SIGNAL PCB C_1
6 Vss

⑥ C3



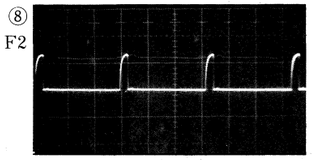
SIGNAL PCB TR12-B
0,82 Vss

⑦ F2



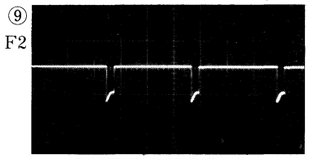
POWER PCB B_2
11 Vss

⑧ F2



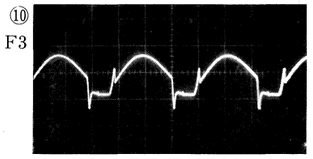
POWER PCB TR34-E
7 Vss

⑨ F2



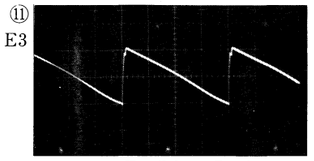
POWER PCB TR34-C
7 Vss

⑩ F3



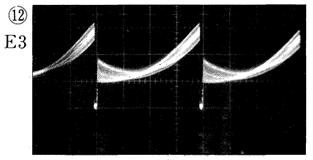
POWER PCB TR38-B
10 Vss

⑪ E3



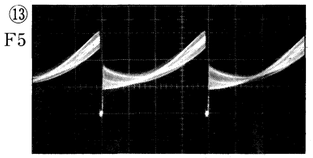
POWER PCB TR36-B
1 Vss

⑫ E3



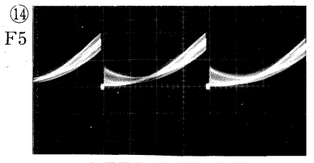
POWER PCB TR36-C
3 Vss

⑬ F5



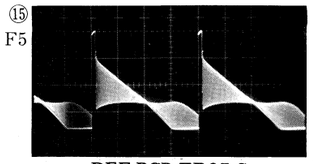
DEF PCB TR37-B
3 Vss

⑭ F5



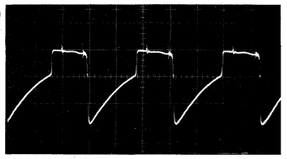
DEF PCB TR37-E
2 Vss

⑮ F5



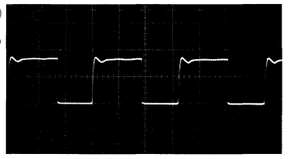
DEF PCB TR37-C
370 Vss

⑯ E5



DEF PCB TR39-B
5,0 Vss

⑰ E5

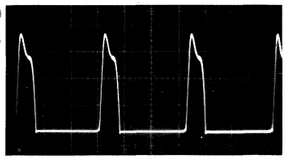


DEF PCB TR39-C
160 Vss

⑱ E5

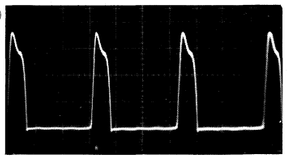
DEF PCB TR40-B
14 Vss

⑲ E5



DEF PCB TR40-C
700 Vss

⑳ E6

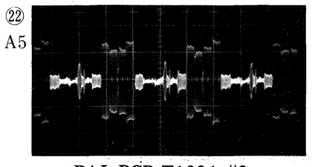


CONV PCB O_1
180 Vss

㉑ D6

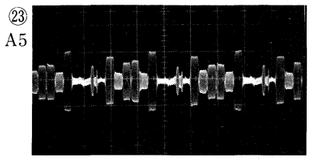
CONV PCB O_3
16 Vss

㉒ A5



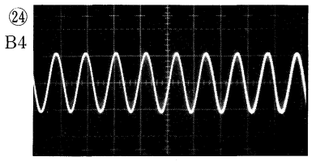
PAL PCB T1001 #3
0,2 Vss

㉓ A5



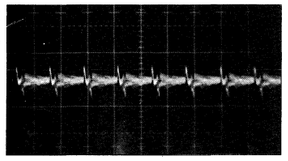
PAL PCB T1001 #1
0.16 Vss

㉔ B4



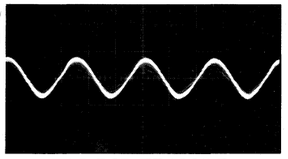
PAL PCB TR1002-C
4,8 Vss

㉕ C4



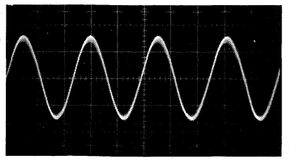
PAL PCB TR1007-B
0,06 Vss

㉖ C4



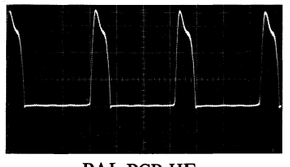
PAL PCB TR1008-B
0,26 Vss

㉗ C5



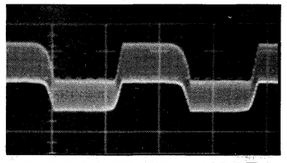
PAL PCB HC_3
2,3 Vss

㉘ C5



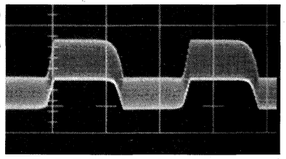
PAL PCB HE_1
180 Vss

㉙ B5



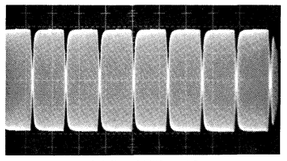
PAL PCB CR1004 ANODE
2,3 Vss

㉚ B5



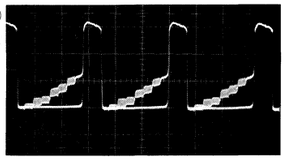
PAL PCB CR1005 ANODE
2,3 Vss

㉛ A6



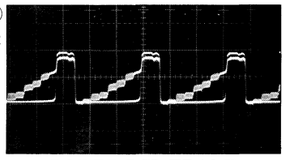
PAL PCB HD_2
1,8 Vss

㉜ D2



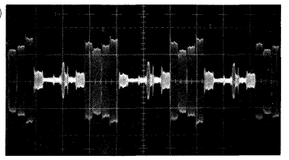
POWER PCB TR19-B
5,2 Vss

㉝ E2



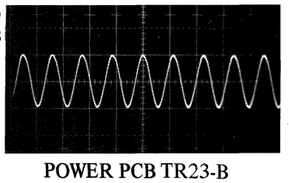
POWER PCB TR19-E
3,2 Vss

㉞ D3



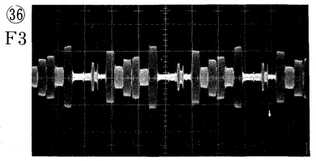
POWER PCB TP98
3,4 Vss

㉟ E3



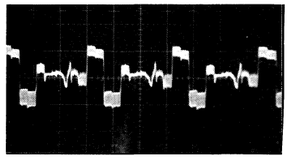
POWER PCB TR23-B
3,6 Vss

㊱ F3



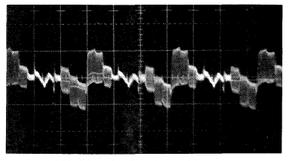
POWER PCB TP34
3,0 Vss

㊲ D4



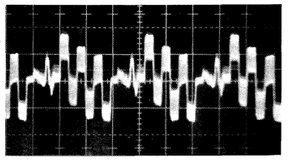
POWER PCB TR24-B
0,9 Vss

㊳ E4



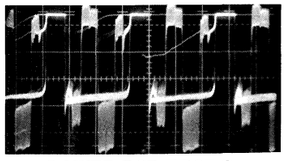
POWER PCB TR25-B
0,48 Vss

㊴ F4



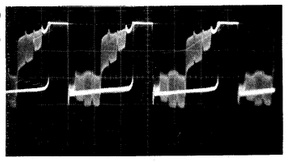
POWER PCB TR26-B
0,9 Vss

㊵ D4



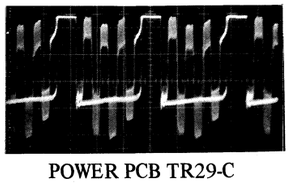
POWER PCB TR27-C
100 Vss

㊶ E4



POWER PCB TR28-C
90 Vss

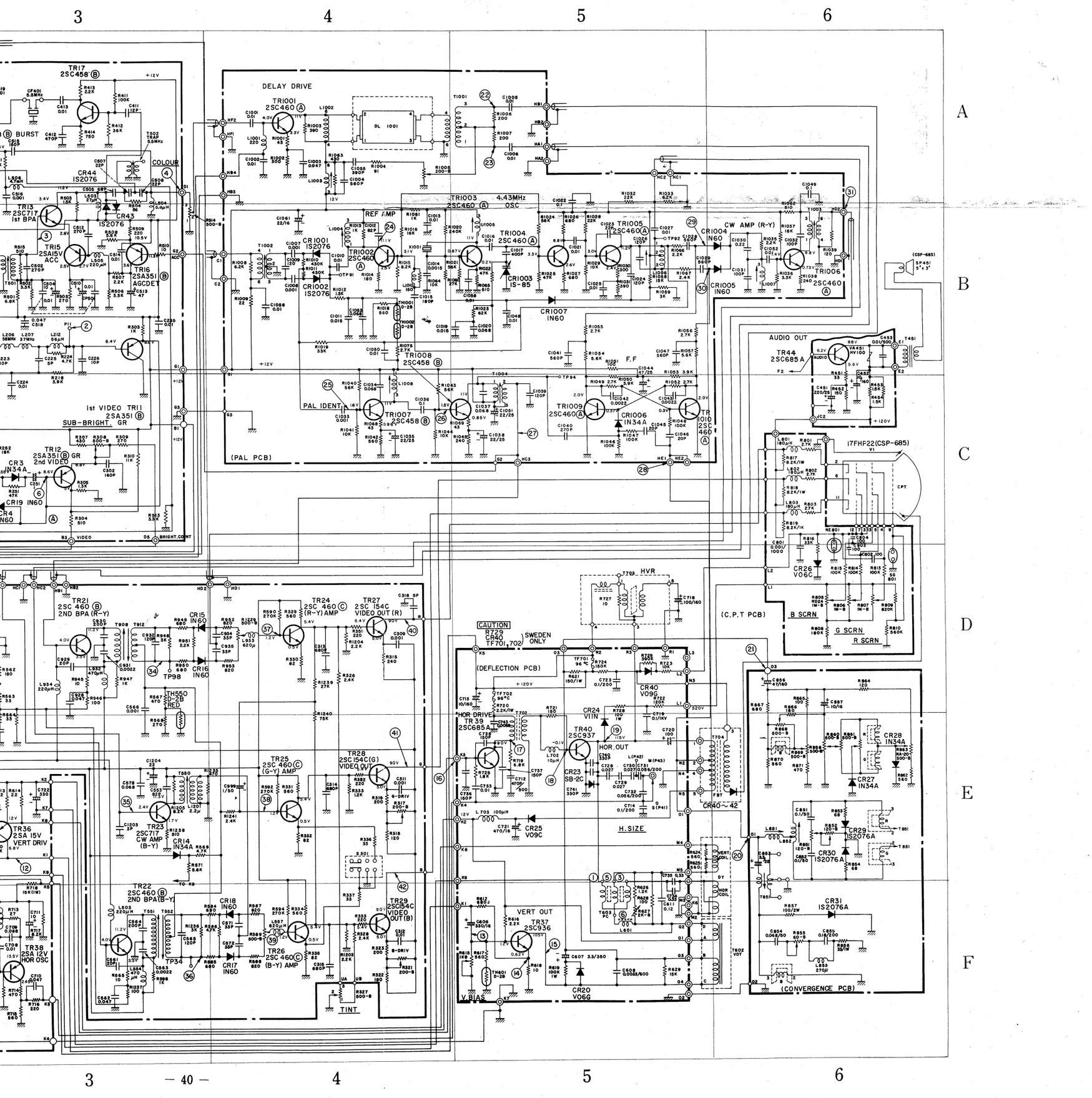
㊷ E4



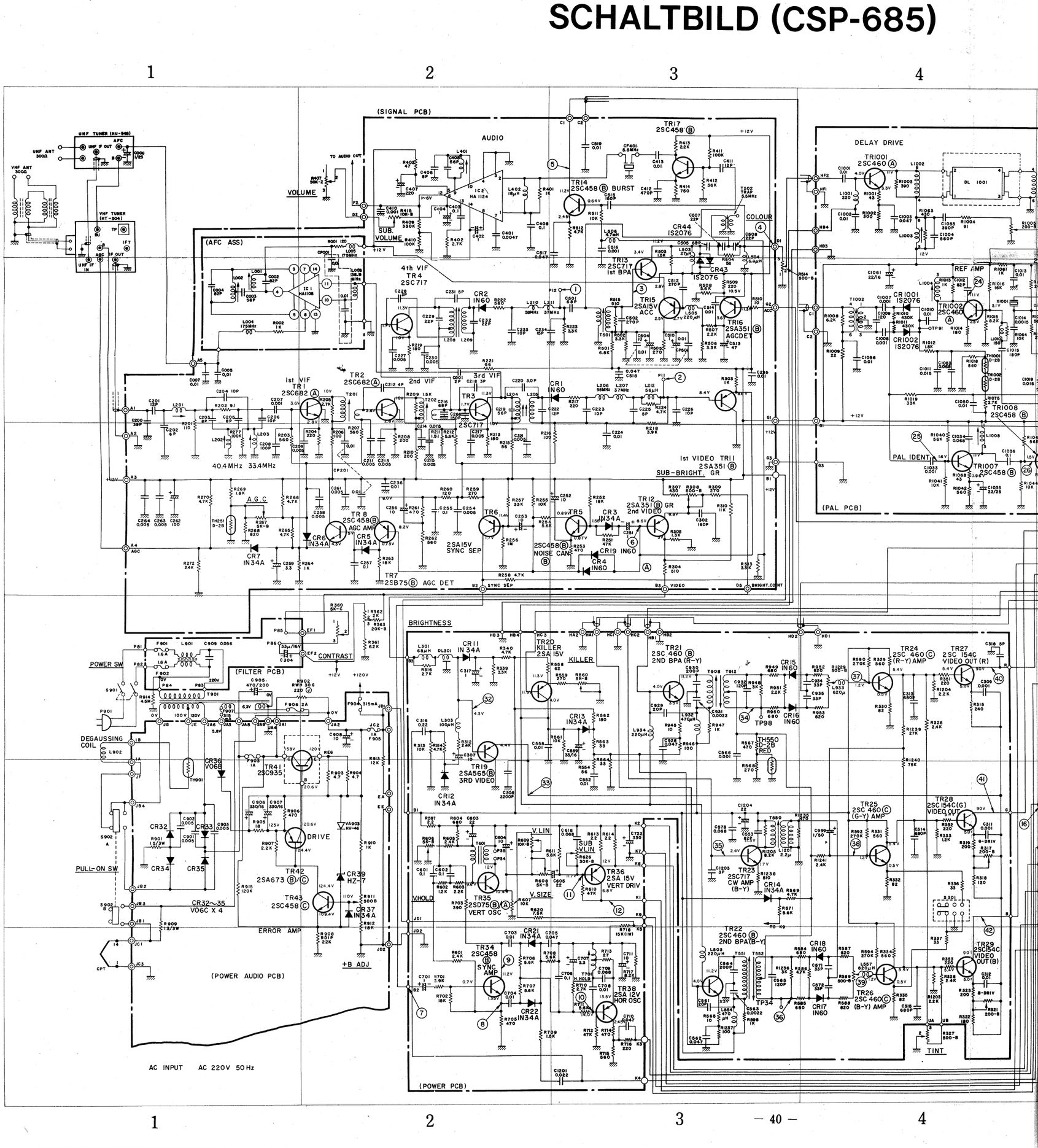
POWER PCB TR29-C
100 Vss

HALTBILD (CSP-685)

NOTES : All D.C. voltages to be measured with a vacuum tube voltmeter.
Voltages taken on a complex colour bar signal including a standard colour bar signal.

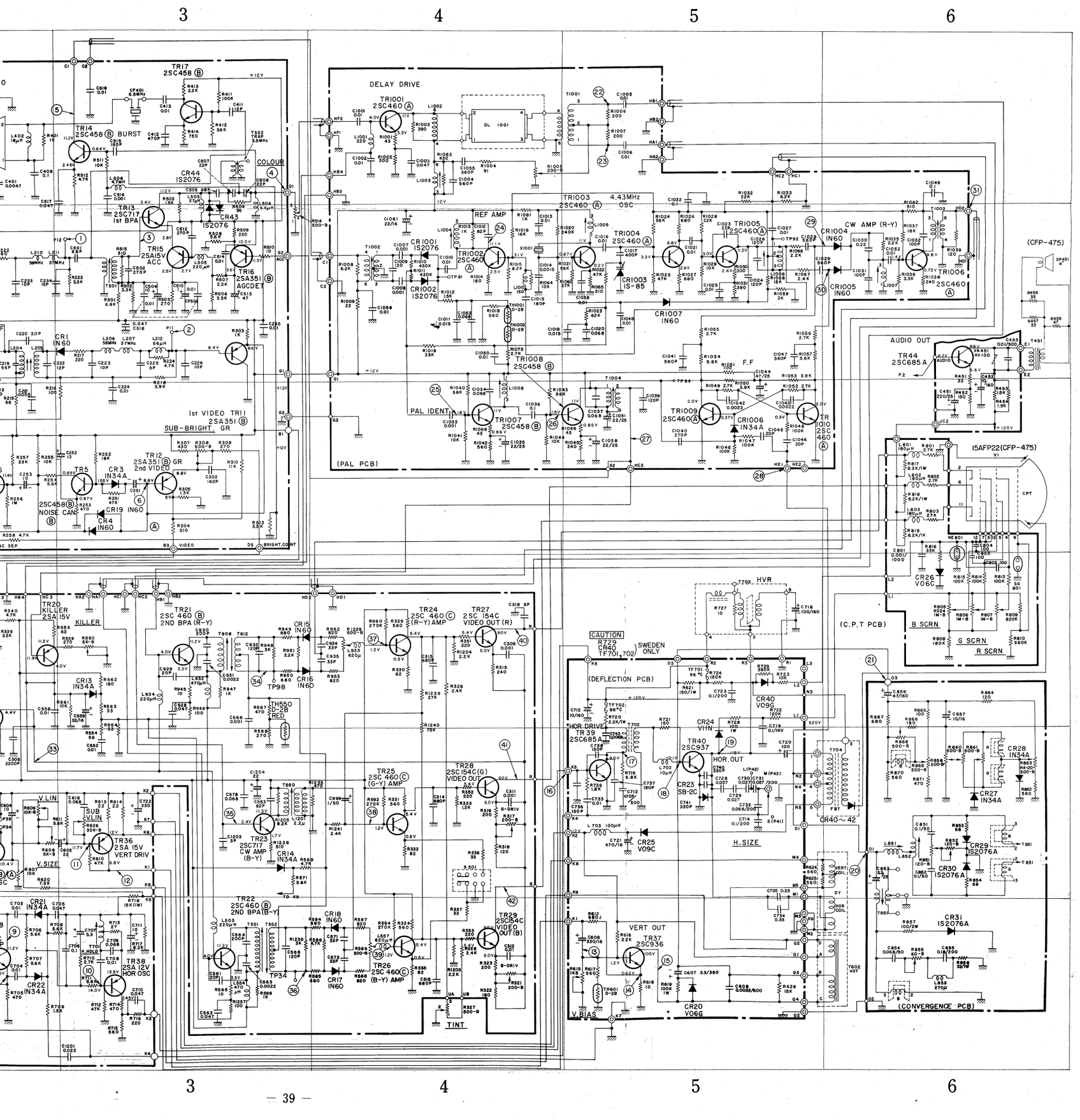


SCHALTBILD (CSP-685)

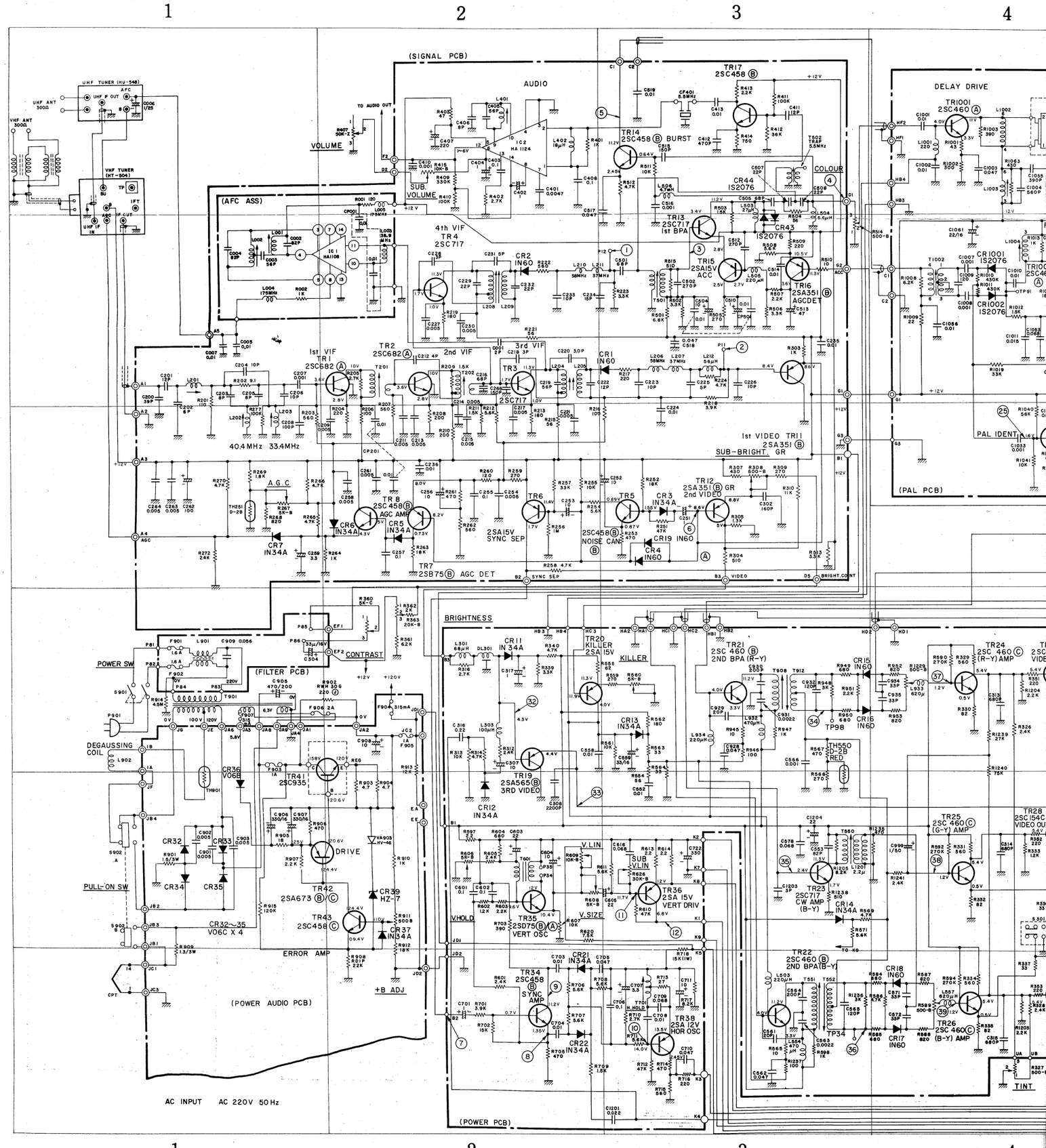


SCHALTBILD (CFP-475)

NOTES : All D.C. voltages to be measured with a vacuum tube voltmeter. Voltages taken on a complex colour bar signal including a standard colour bar signal.

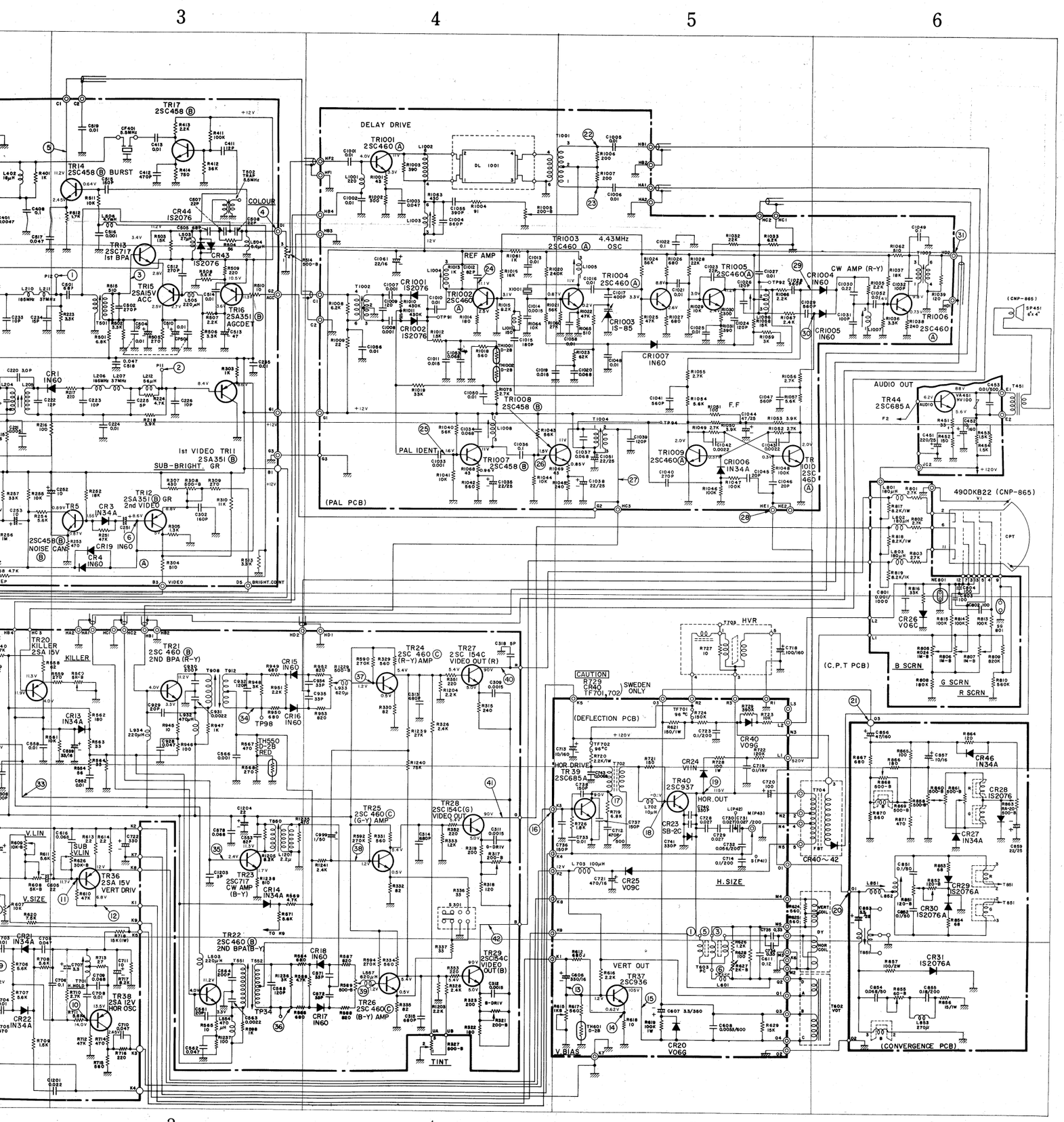


SCHALTBILD (CFP-475)

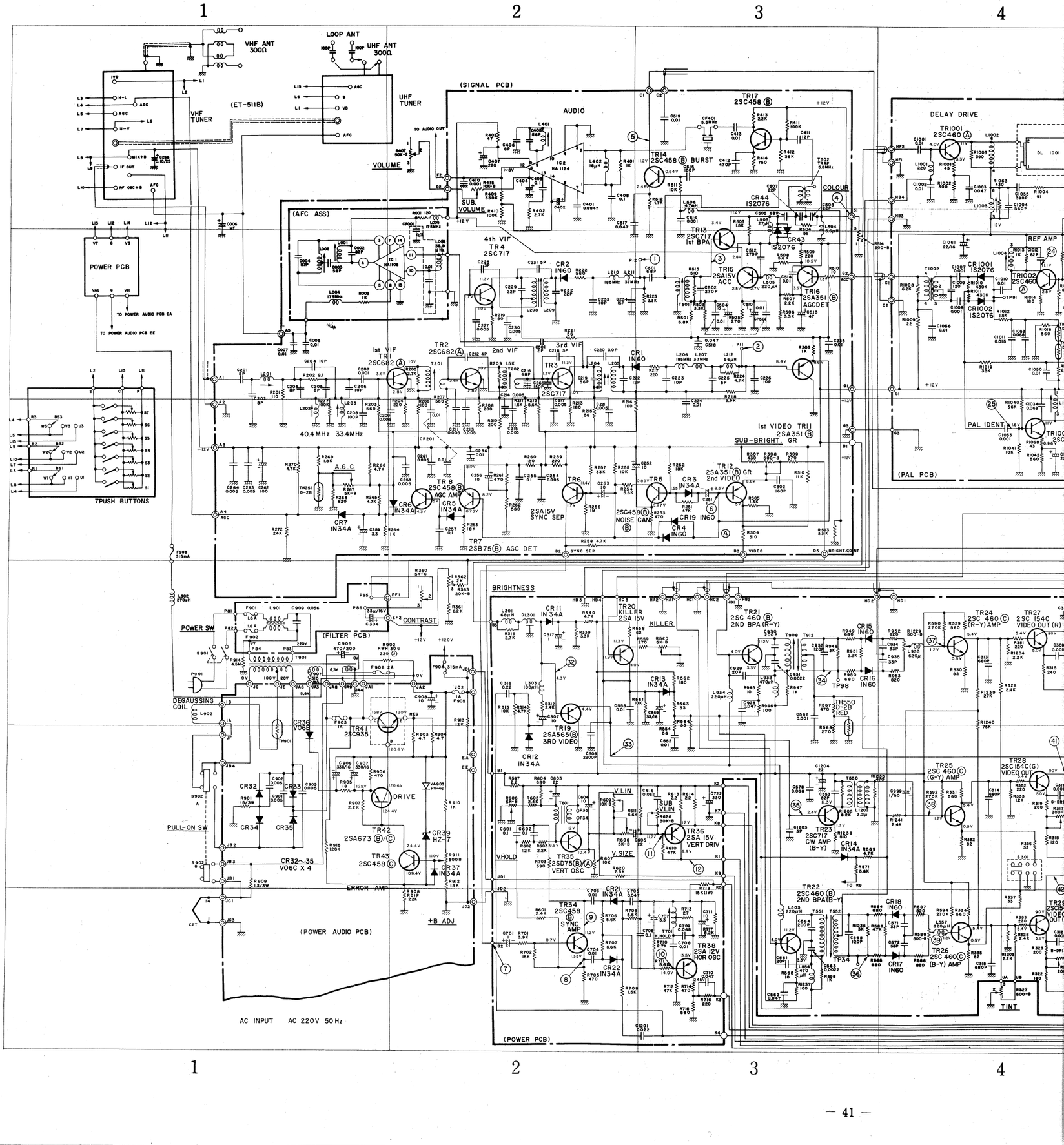


SCHALTBILD (CNP-865 ⓢ)

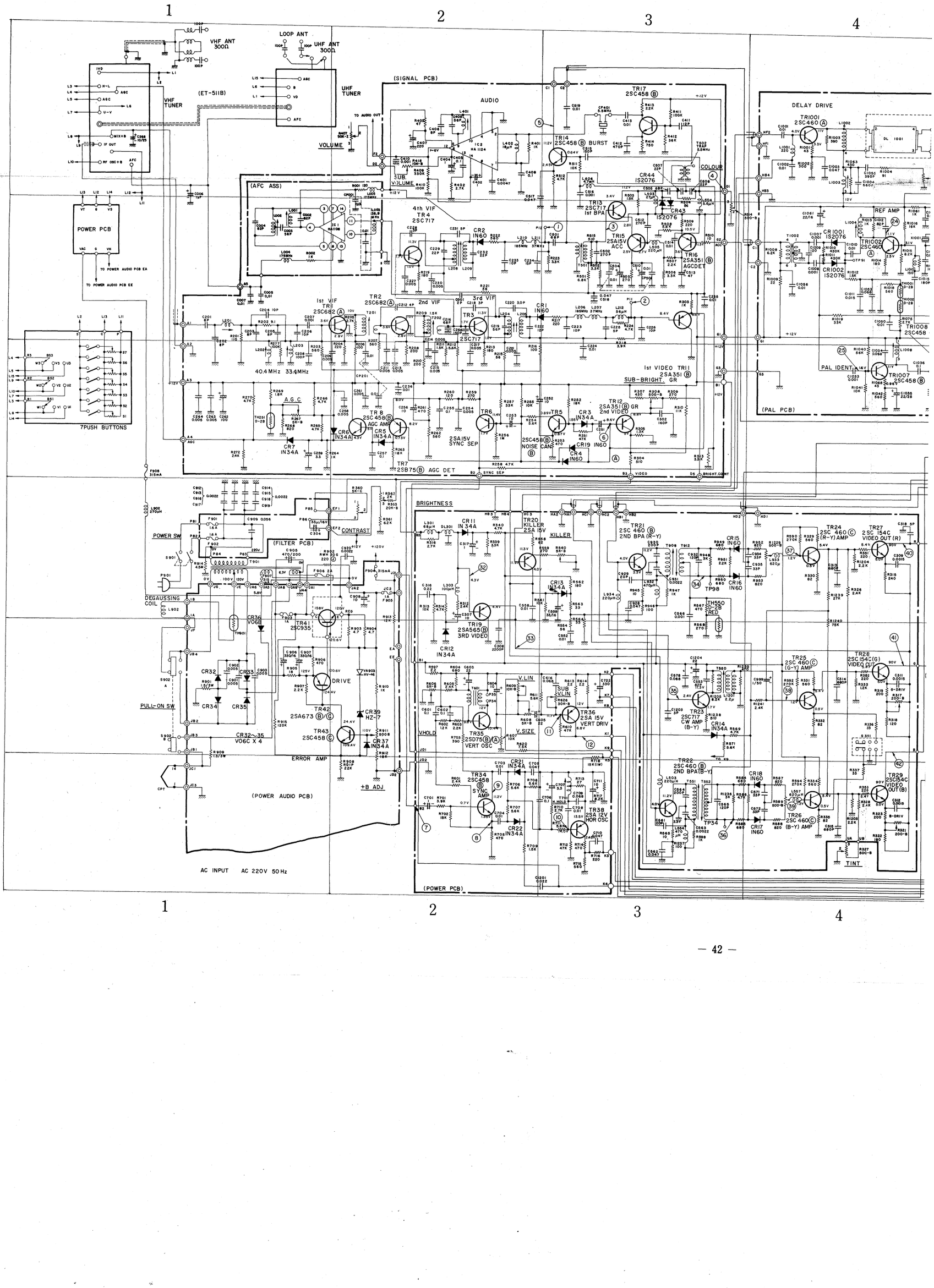
NOTES : All D.C. voltages to be measured with a vacuum tube voltmeter.
Voltages taken on a complex colour bar signal including a standard colour bar signal.



SCHALTBILD (CNP-865 Ⓢ)

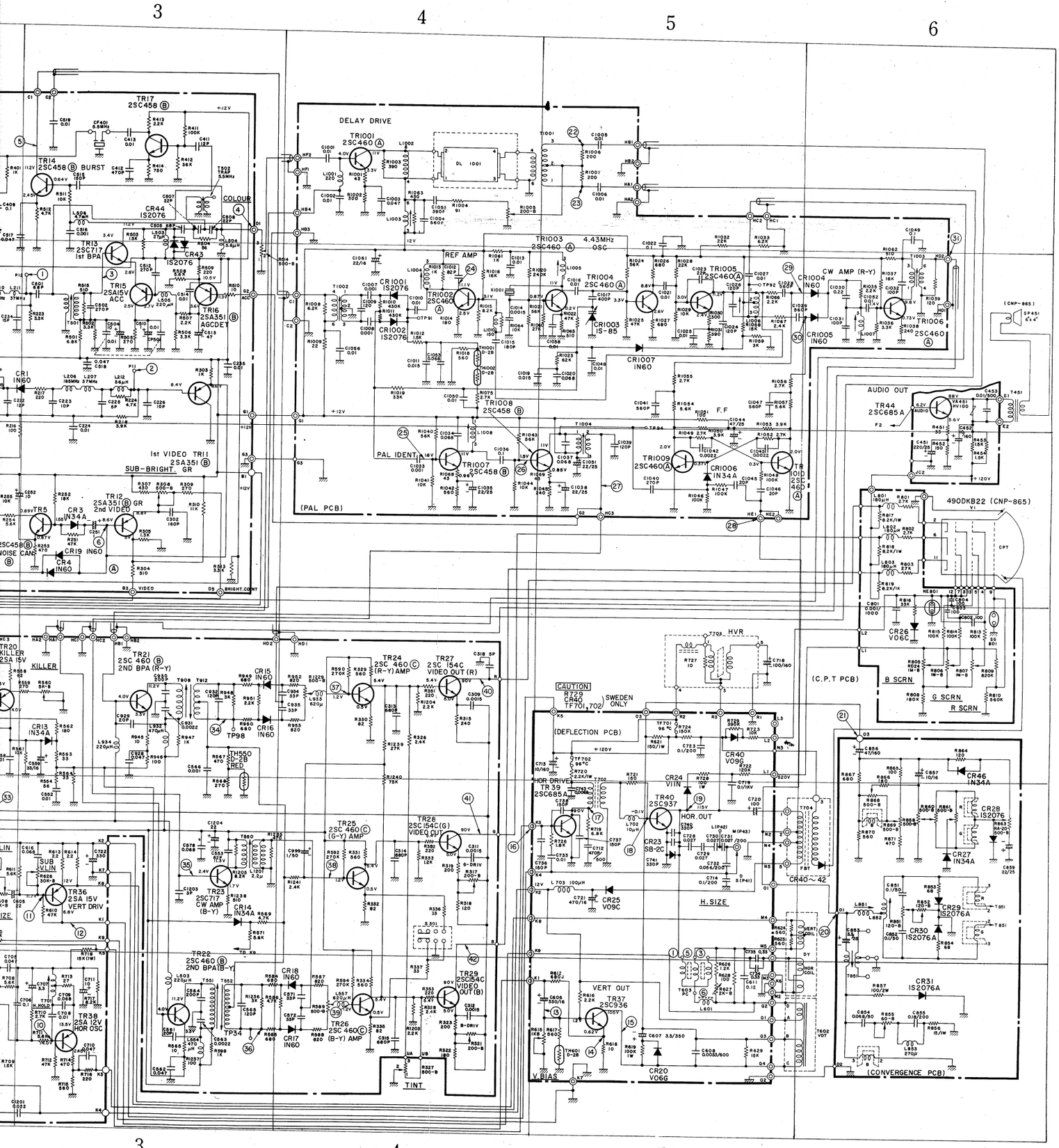


SCHALTBILD (CNP-865 Ⓖ)



SCHALTBILD (CNP-865 ⓖ)

NOTES : All D.C. voltages to be measured with a vacuum tube voltmeter.
Voltages taken on a complex colour bar signal including a standard colour bar signal.



ERSATZTEILSTÜCKLISTE

NOTE: 1. "PLACE" means the place of each part in the circuit diagram.
2. The * marked parts are newly adopted ones.
3. 19″ Ⓢ means 19″ set for Switzerland.

SIGNAL PLATINE

KONDENSATOREN

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 2	C 001	0248967	ceramic, discal	2pF ±0.25pF	500WV
B 1	C 002	0249030	ceramic, discal	82pF ± 5 %	50WV
B 1	C 003	0246458	ceramic, discal	56pF ± 5 %	500WV
B 1	C 004	0249030	ceramic, discal	82pF ± 5 %	50WV
B 1	C 005	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 1	C 007	0244141	ceramic, discal	0.001μF ± 5 %	50WV
B 1	C 200	0248674	ceramic, discal	39pF ± 5 %	50WV (15″,17″)
B 1	C 201	0248992	ceramic, discal	12pF ± 5 %	500WV
B1	C 201	0248973	ceramic, discal	8pF ±0.25pF	500WV (19″)
B1	C 202	0248971	ceramic, discal	6pF ±0.25pF	500WV
B1	C 202	0248973	ceramic, discal	8pF ±0.25pF	500WV (19″)
B 1	C 203	0246548	ceramic, discal	8pF ±0.25pF	50WV
B 1	C 204	0246550	ceramic, discal	10pF ±0.25pF	50WV
B 1	C 205	0246548	ceramic, discal	8pF ±0.25pF	50WV
B 1	C 206	0246550	ceramic, discal	10pF ±0.25pF	50WV
B 1	C 207	0248812	ceramic, discal	0.001μF ±10%	50WV
C 1	C 208	0248684	ceramic, discal	100pF ± 5 %	50WV
C 1	C 209	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 211	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 212	0248969	ceramic, discal	4pF ±0.25pF	500WV
B 2	C 213	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 214	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
C 2	C 215	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 216	0248937	ceramic, discal	68pF ± 5 %	50WV
C 2	C 217	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 218	0248927	ceramic, discal	3pF ±0.25pF	500WV
B 2	C 219	0248852	ceramic, discal	56pF ± 5 %	50WV
B 2	C 220	0248893	ceramic, discal	3pF ±0.25pF	500WV
C 2	C 221	0248810	ceramic, discal	0.005pF $^{+100}_{0}$%	50WV
B 2	C 222	0248930	ceramic, discal	12pF ± 5 %	500WV
B 3	C 223	0248975	ceramic, discal	10pF ±0.25pF	500WV
B 3	C 224	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 3	C 225	0248970	ceramic, discal	5pF ±0.25pF	500WV
B 3	C 226	0248975	ceramic, discal	10pF ±0.25pF	500WV
B 2	C 227	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 228	0248927	ceramic, discal	3pF ±0.25pF	500WV
B 2	C 229	0248842	ceramic, discal	22pF ± 5 %	50WV
B 2	C 230	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 231	0248895	ceramic, discal	5pF ±0.25pF	500WV
B 2	C 232	0248842	ceramic, discal	22pF ± 5 %	50WV
B 2	C 233	0248975	ceramic, discal	10pF ±0.25pF	500WV
B 2	C 234	0248664	ceramic, discal	15pF ± 5 %	50WV
B 3	C 235	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
C 2	C 236	0244141	ceramic, discal	0.01μF ±10%	50WV
C 3	C 251	0252611	electrolytic	1 μF	25WV
C 2	C 252	0252521	electrolytic	10μF	16WV
C 2	C 253	0252621	electrolytic	10μF	25WV
C 2	C 254	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
C 2	C 255	0275823	polyester film	0.1μF ±10%	100WV
C 2	C 256	0252521	electrolytic	10μF	16WV
C 2	C 257	0275823	polyester film	0.1μF ±10%	100WV
C 1	C 258	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
C 1	C 259	0252613	electrolytic	3.3μF	25WV
C 2	C 261	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
C 1	C 262	0252531	electrolytic	100μF	16WV
C 1	C 263	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
C 1	C 264	0248810	ceramic, discal	0.005μF $^{+100}_{0}$%	50WV
B 2	C 266	0243443	ceramic, discal	150pF ±10%	500WV
C 3	C 302	0248689	ceramic, discal	160pF ± 5 %	50WV
A 2	C 401	0274015	polyester film	0.0047μF ±10%	50WV
A 2	C 402	0252811	electrolytic	1μF	50WV
A 2	C 403	0275823	polyester film	0.1μF ±10%	100WV
A 2	C 404	0252811	electrolytic	1μF	50WV
A 2	C 405	0246718	ceramic, discal	56pF ± 5 %	50WV
A 2	C 406	0246678	ceramic, discal	8pF ±0.25pF	50WV
A 2	C 407	0252532	electrolytic	220μF	16WV
A 2	C 408	0275823	polyester film	0.1μF ±10%	100WV
A 2	C 410	0244101	ceramic, discal	1000pF ±10%	50WV
A 3	C 411	0248992	ceramic, discal	12pF ± 5 %	500WV
A 3	C 412	0243449	ceramic, discal	470pF ±10%	500WV
A 3	C 413	0248811	ceramic, discal	0.01μF $^{+100}_{0}$ %	50WV
B 3	C 501	0248937	ceramic, discal	68pF ± 5 %	50WV
B 3	C 502	0248694	ceramic, discal	270pF ± 5 %	50WV
B 3	C 504	0252621	electrolytic	10μF	25WV
A 3	C 505	0248937	ceramic, discal	68pF ± 5 %	50WV
A 3	C 507	0248668	ceramic, discal	22pF ± 5 %	50WV
A 3	C 508	0248668	ceramic, discal	22pF ± 5 %	50WV
B 3	C 510	0252611	electrolytic	1μF	25WV
B 3	C 512	0248694	ceramic, discal	270pF ± 5 %	50WV
B 3	C 513	0252525	electrolytic	47μF	16WV
B 3	C 514	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 3	C 515	0248943	ceramic, discal	150pF ±10%	50WV
A 3	C 516	0274011	polyester film	0.001μF ±10%	50WV
A 2	C 517	0275015	polyester film	0.047μF ±10%	50WV
B 3	C 518	0275015	polyester film	0.047μF ±10%	50WV
A 3	C 519	0244141	ceramic, discal	0.01μF ±10%	50WV

WIDERSTÄNDE

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
A 1	R 001	0137553	carbon film	120Ω ± 5 %	SRD¼SD
B 1	R 002	0137601	carbon film	1kΩ ± 5 %	SRD¼SD
B 1	R 201	0114132	carbon film	110Ω ± 5 %	SRD¼P
B 1	R 202	0137516	carbon film	9.1Ω ± 5 %	SRD¼SD
B 1	R 203	0114149	carbon film	560Ω ± 5 %	SRD¼P
B 1	R 204	0114139	carbon film	220Ω ± 5 %	SRD¼P
B 2	R 205	0114171	carbon film	2.7kΩ ±5 %	SRD¼P
B 2	R 206	0114131	carbon film	100Ω ± 5%	SRD¼P
B 2	R 207	0114149	carbon film	560Ω ± 5 %	SRD¼P
B 2	R 208	0114138	carbon film	200Ω ± 5 %	SRD¼P
B 2	R 209	0114165	carbon film	1.5kΩ ±5%	SRD¼P
C 2	R 210	0114138	carbon film	200Ω ± 5 %	SRD¼P
B 2	R 211	0131693	composition	1.5kΩ ± 5 %	RC¼GF
B 2	R 212	0137860	carbon film	5.6kΩ ± 10%	SRD¼SD
B 2	R 213	0137557	carbon film	180Ω ± 5 %	SRD¼SD
C 2	R 215	0131589	composition	56Ω ± 5%	RC¼GF
B 2	R 216	0114131	carbon film	100Ω ± 5 %	SRD¼P
B 3	R 217	0137559	carbon film	220Ω ± 5 %	SRD¼SD

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 3	R 218	0137175	carbon film	3.9kΩ ± 5 %	SRD¼SD
B 2	R 219	0137557	carbon film	180Ω ± 5 %	SRD¼SD
B 2	R 221	0137535	carbon film	56Ω ± 5 %	SRD¼SD
B 2	R 222	0137569	carbon film	560Ω ± 5 %	SRD¼SD
B 2	R 223	0114173	carbon film	3.3kΩ ± 5 %	SRD¼P
B 3	R 224	0114177	carbon film	4.7kΩ ± 5 %	SRD¼P
C 3	R 251	0114217	carbon film	47kΩ ± 5 %	SRD¼P
C 3	R 252	0137657	carbon film	18kΩ ± 5 %	SRD¼SD
C 3	R 253	0114147	carbon film	470Ω ± 5 %	SRD¼P
C 2	R 254	0137619	carbon film	5.6kΩ ± 5 %	SRD¼SD
C 2	R 255	0131733	composition	10kΩ ± 5 %	RC¼GF
C 2	R 256	0134409	composition	1MΩ ±10%	RC½GF
C 2	R 257	0114213	carbon film	33kΩ ± 5 %	SRD¼P
C 2	R 258	0137617	carbon film	4.7kΩ ± 5 %	SRD¼SD
C 2	R 259	0137561	carbon film	270Ω ± 5 %	SRD¼SD
C 2	R 260	0114133	carbon film	120Ω ± 5 %	SRD¼P
C 2	R 261	0137567	carbon film	470Ω ± 5 %	SRD¼SD
C 2	R 262	0114149	carbon film	560Ω ± 5 %	SRD¼P
C 2	R 263	0114207	carbon film	18kΩ ± 5 %	SRD¼P
C 1	R 264	0137601	carbon film	1kΩ ± 5 %	SRD¼SD
C 1	R 265	0114177	carbon film	4.7kΩ ± 5 %	SRD¼P
C 1	R 266	0114177	carbon film	4.7kΩ ± 5 %	SRD¼P
C 1	R 267	0151254	carbon film	5kΩ (B)	AGC
C 1	R 268	0137573	carbon film	820Ω ± 5 %	SRD¼SD
C 1	R 269	0114167	carbon film	1.8kΩ ± 5 %	SRD¼P
C 1	R 270	0114177	carbon film	4.7kΩ ± 5 %	SRD¼P
D 1	R 272	0114170	carbon film	2.4kΩ ± 5 %	SRD¼SD
B 1	R 277	0114281	carbon film	100kΩ ± 5 %	SRD¼P
B 3	R 303	0114161	carbon film	1kΩ ± 5 %	SRD¼P
C 3	R 304	0114148	carbon film	510Ω ± 5 %	SRD¼P
C 3	R 305	0114164	carbon film	1.3kΩ ± 5 %	SRD¼P
C 3	R 307	0131640	carbon film	430Ω ± 5 %	SRD¼P
C 3	R 308	0151251	semi variable carbon	500Ω (B)	SUB. BRIGHT
C 3	R 309	0114141	carbon film	270Ω ± 5 %	SRD¼P
C 3	R 310	0114202	carbon film	11kΩ ± 5 %	SRD¼P
A 2	R 401	0137601	carbon film	1kΩ ± 5 %	SRD¼SD
A 2	R 402	0137611	carbon film	2.7kΩ ± 5 %	SRD¼SD
A 2	R 403	0131587	composition	47Ω ± 5 %	RC¼GF
A 2	R 409	0137713	carbon film	330kΩ ± 5 %	SRD¼SD
A 2	R 410	0137701	carbon film	100kΩ ± 5 %	SRD¼SD
A 3	R 411	0114281	carbon film	100kΩ ± 5 %	SRD¼P
A 3	R 412	0114214	carbon film	36kΩ ± 5 %	SRD¼P
A 3	R 413	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
A 3	R 414	0114152	carbon film	750Ω ± 5 %	SRD¼F
A 2	R 415	0151267	variable carbon	10kΩ − B	RV-10
B 3	R 501	0114181	carbon film	6.8kΩ ± 5 %	SRD¼P
B 3	R 502	0114173	carbon film	3.3kΩ ± 5 %	SRD¼P
A 3	R 503	0114165	carbon film	1.5kΩ ± 5 %	SRD¼P
A 3	R 504	0114059	carbon film	56Ω ± 5 %	SRD¼P
B 3	R 505	0114141	carbon film	270Ω ± 5 %	SRD¼P
B 3	R 506	0131679	composition	3.3kΩ ± 5 %	RC¼GF
B 3	R 507	0137609	carbon film	2.2kΩ ± 5 %	SRD¼SD
B 3	R 508	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
B 3	R 509	0137559	carbon film	220Ω ± 5 %	SRD¼SD
B 3	R 510	0137517	carbon film	10Ω ± 5 %	SRD¼SD
A 3	R 511	0114201	carbon film	10kΩ ± 5 %	SRD¼P
A 3	R 512	0137617	carbon film	4.7kΩ ± 5 %	SRD¼SD
C 3	R 513	0137613	carbon film	3.3kΩ ± 5 %	SRD¼SD
B 2	R 515	0114148	carbon film	510Ω ± 5 %	SRD¼P

TRANSISTOREN

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 1	TR 1	0573474	silicon	2SC682Ⓐ	
B 2	TR 2	0573474	silicon	2SC682Ⓐ	
B 2	TR 3	2320141	silicon	2SC717	
B 2	TR 4	2320141	silicon	2SC717	
C 3	TR 5	0573480	silicon	2SC458Ⓑ	
C 2	TR 6	2320512	germanium	2SA15/2SA15V	
C 2	TR 7	0573142	germanium	2SB75Ⓑ	
C 2	TR 8	0573480	silicon	2SC458Ⓑ	
B 3	TR 11	0573518	germanium	2SA351ⒷGR	
C 3	TR 12	0573518	germanium	2SA351ⒷGR	
A 3	TR 13	2320141	silicon	2SC717	
A 3	TR 14	0573480	silicon	2SC458Ⓑ	
B 3	TR 15	2320512	germanium	2SA15/2SA15V	
B 3	TR 16	0573518	germanium	2SA351ⒷGR	
A 3	TR 17	0573480	silicon	2SC458Ⓑ	

DIODEN

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 2	CR 1	0575005	germanium	1N60	
B 2	CR 2	0575005	germanium	1N60	
C 3	CR 3	0575001	germanium	1N34A	
C 3	CR 4	0575005	germanium	1N60	
C 2	CR 5	0575001	germanium	1N34A	
C 1	CR 6	0575001	germanium	1N34A	
C 1	CR 7	0575001	germanium	1N34A	
A 3	CR 9	2330351	silicon	1S2076	
A 3	CR10	2330351	silicon	1S2076	
C 3	CR19	0575005	germanium	1N60	
B 3	CR 43	2330351	silicon	1S2076	
B 3	CR 44	2330351	silicon	1S2076	
C 1	TH 251	0576038	Thermistor	D-2B	RED
B1, 2	IC 1	2360021	IC	HA1108	
A 2	IC 2	2360042	IC	HA1124	

FILTER

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION	
B 2	T 201	2140892	IF transformer	
B 2	T 202	2140893	IF transformer	
B 3	T 501	2160533	Band pass transformer	
A 3	T 502	2120143	Video transformer	

SPULEN, DROSSELN

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION	
B 1	L 001	2140881	Mold IF coil	
B 1	L 002	2121205	Filter coil	39MHz
B 2	L 003	2121201	Filter coil	38.9MHz
A 1	L 004	2121201	Filter coil	175MHz
B 1	L 201	2140891	IF coil	
B 1	L 202	2120097	Trap coil	
B 1	L 203	2120096	Trap coil	
B 2	L 204	2140898	IF coil	
B 2	L 205	2140895	IF coil	
B 3	L 206	2121202	Peaking coil	58MHz(15″, 17″)
B 3	L 206	2120466	Peaking coil	185MHz(19″)
B 3	L 207	2120465	Peaking coil	37μH
B 2	L 208	2140896	IF coil	

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 2	L 209	2140897	IF coil		
B 2	L 210	2121202	Peaking coil	58MHz (15″ 17″)	
B 2	L 210	2120466	Peaking coil	185MHz(19″)	
B 2	L 211	2120465	Peaking coil	37μF	
B 3	L 212	2120241	Peaking coil	56μH	
A 2	L 401	2141013	Audio discriminator coil		
A 2	L 402	2120235	Peaking coil	18μH	
A 3	L 503	2120801	Peaking coil	27μH	
A 3	L 504	2120079	Peaking coil	5μH	
B 3	L 505	2120254	Peaking coil	220μH	
A 3	L 506	2120486	Filter coil		

VERSCHIEDENES

A 3	CF401	2140911	Ceramic filter	5.5MHz	
		2660413	Plug		
A, B2	CP001 CP201 CP501	2790081	Ceramic capacitor pair		
		*2513674	Signal PCB assembly	(15″ 17″)	
		*2513675	Signal PCB assembly	(19″)	

STEUERPLATINE

KONDENSATOREN

D 2	C 307	0252521	electrolytic	10μF	16WV
D 2	C 308	0248813	ceramic, discal	0.0022μF±10%	50WV
D 4	C 309	0274011	polyester film	0.001μF±10%	50WV (15″ 17″)
D 4	C 309	0274012	polyester film	0.0015μF±10%	50WV(19″)
E 4	C 311	0274011	Polyester film	0.001μF±10%	50WV (15″ 17″)
E 4	C 311	0274012	polyester film	0.0015μF±10%	50WV(19″)
F 4	C 312	0274011	polyester film	0.001μF±10%	50WV (15″ 17″)
F 4	C 312	0274012	polyester film	0.0015μF±10%	50WV(19″)
D 4	C 313	0248964	ceramic, discal	680pF±10%	500WV
E 4	C 314	0248964	ceramic, discal	680pF±10%	500WV
F 4	C 315	0248964	ceramic, discal	680pF±10%	500WV
D 2	C 316	0276013	polyester film	0.22μF±10%	50WV
D 2	C 317	0252613	electrolytic	1μF	25WV
D 4	C 318	0248970	ceramic, discal	5pF±0.25pF	500WV
D 3	C 552	0248811	ceramic, discal	0.01μF$\pm^{100}_{0}$%	50WV
E 3	C 553	0248682	ceramic, discal	82pF±5%	50WV
D 2	C 558	0248811	ceramic, discal	0.01μF$\pm^{100}_{0}$%	50WV
D 3	C 559	0252523	electrolytic	33μF	16WV
F 3	C 561	0248707	ceramic, discal	20pF±10%	50WV
F 3	C 562	0275015	ceramic, discal	0.047μF±10%	50WV
F 3	C 563	0274013	polyester film	0.0022μF±10%	50WV
F 3	C 564	0248691	ceramic, discal	200pF±5%	50WV
F 3	C 565	0248938	ceramic, discal	120pF±5%	50WV
D 3	C 566	0248812	ceramic, discal	0.001μF±10%	50WV
F 4	C 571	0248941	ceramic, discal	33pF±10%	50WV
F 4	C 572	0248941	ceramic, discal	33pF±10%	50WV
E 3	C 578	0275016	polyester film	0.068μF±10%	50WV
E 2	C 601	0275840	polyester film	0.1μF±20%	100WV
E 2	C 602	0275840	polyester film	0.1μF±20%	100WV
E 2	C 603	0252522	electrolytic	22μF	16WV
E 2	C 604	0292703	electrolytic	10μF±20%	16WV
E 2	C 605	0252522	electrolytic	22μF	16WV
E 3	C 616	0275016	polyester film	0.068μF±10%	50WV
F 2	C 701	0252611	electrolytic	1μF	25WV
F 2	C 703	0275111	polyester film	0.01μF±20%	50WV
F 2	C 704	0275111	polyester film	0.01μF±20%	50WV
F 2	C 705	0275015	polyester film	0.047μF±10%	50WV
F 2	C 706	0275823	polyester film	0.1μF±10%	100WV
F 3	C 707	0252613	electrolytic	3.3μF	16WV
F 3	C 708	0275021	polyester film	0.01μF±5%	50WV
F 3	C 709	0275026	polyester film	0.068μF±5%	50WV
F 3	C 710	0275015	polyester film	0.047μF±10%	50WV
F 3	C 711	0252521	electrolytic	10μF	16WV
E 3	C 722	0252563	electrolytic	330μF	16WV
D 3	C 928	0275015	polyester film	0.047μF±10%	50WV
D 3	C 929	0248707	ceramic, discal	20pF±10%	50WV
D 3	C 930	0248691	ceramic, discal	200pF±5%	50WV
D 3	C 931	0274013	polyester film	0.0022μF±10%	50WV
D 3	C 932	0248938	ceramic, discal	120pF±5%	50WV
D 4	C 934	0248941	ceramic, discal	33pF±10%	50WV
D 4	C 935	0248941	ceramic, discal	33pF±10%	50WV
E 4	C 999	0252611	electrolytic	1μF	25WV
F 2	C 1201	0275013	polyester film	0.022μF±10%	50WV
E 3	C 1203	0248633	ceramic, discal	3pF±0.25pF	50WV
E 3	C 1204	0252522	electrolytic	22μF	16WV

WIDERSTÄNDE

D 2	R 312	0114170	carbon film	2.4kΩ±5%	SRD¼P
D 2	R 313	0114201	carbon film	10kΩ±5%	SRD¼P
D 2	R 314	0114177	carbon film	4.7kΩ±5%	SRD¼P
D 4	R 315	0114140	carbon film	240Ω±5%	SRD¼P
D 2	R 316	0114171	carbon film	2.7kΩ±5%	SRD¼P
E 4	R 317	0151202	semi variable carbon	200Ω−B	G-DRIV
E 4	R 318	0114133	carbon film	120Ω±5%	SRD¼P
E 4	R 319	0114138	carbon film	200Ω±5%	SRD¼P
F 4	R 321	0151202	semi variable carbon	200Ω−B	B-DRIV
F 4	R 322	0114137	carbon film	180Ω±5%	SRD¼P
F 4	R 323	0114138	carbon film	200Ω±5%	SRD¼P
D 4	R 326	0114170	carbon film	2.4kΩ±5%	SRD¼P
F 4	R 328	0114170	carbon film	2.4kΩ±5%	SRD¼P
D 4	R 329	0137569	carbon film	560Ω±50%	SRD½SD
D 4	R 330	0114063	carbon film	82Ω±5%	SRD¼P
E 4	R 331	0114149	carbon film	560Ω±5%	SRD¼P
E 4	R 332	0114063	carbon film	82Ω±5%	SRD¼P
E 4	R 333	0114163	carbon film	1.2kΩ±5%	SRD¼P
F 4	R 334	0114149	carbon film	560Ω±5%	SRD¼P
F 4	R 335	0114063	carbon film	82Ω±5%	SRD¼P
E 4	R 336	0114053	carbon film	33Ω±5%	SRD¼P
F 4	R 337	0114053	carbon film	33Ω±5%	SRD¼P
D 2	R 339	0137613	carbon film	3.3kΩ±5%	SRD½SD
D 2	R 340	0114177	carbon film	4.7kΩ±5%	SRD¼P
D 4	R 351	0114139	carbon film	220Ω±5%	SRD¼P
E 2	R 352	0114139	carbon film	220Ω±5%	SRD¼P
F 4	R 353	0114139	carbon film	220Ω±5%	SRD¼P
D 3	R 554	0114059	carbon film	56Ω±5%	SRD¼P
D 2	R 558	0114060	carbon film	62Ω±5%	SRD¼P
D 2	R 559	0114141	carbon film	270Ω±5%	SRD¼P
D 3	R 560	0151201	semi variable carbon	5kΩ−B	KILLER
D 2	R 561	0114201	carbon film	10kΩ±5%	SRD¼P
D 3	R 562	0134364	carbon film	180Ω±10%	RC½GF
D 3	R 563	0114053	carbon film	33Ω±5%	SRD¼P
D 3	R 564	0114053	carbon film	33Ω±5%	SRD¼P
F 3	R 565	0137517	carbon film	10Ω±5%	SRD½SD

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
D 3	R 567	0114147	carbon film	470Ω ± 5 %	SRD¼P
D 3	R 568	0114141	carbon film	270Ω ± 5 %	SRD¼P
E 3	R 569	0114177	carbon film	4.7kΩ ± 5 %	SRD¼P
E 3	R 571	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
F 3	R 584	0114151	carbon film	680Ω ± 5 %	SRD¼P
F 3	R 585	0114151	carbon film	680Ω ± 5 %	SRD¼P
F 4	R 586	0114177	carbon film	4.7kΩ ± 5 %	SRD¼SD
F 4	R 587	0114153	carbon film	820Ω ± 5 %	SRD¼P
F 4	R 588	0114153	carbon film	820Ω ± 5 %	SRD¼P
F 4	R 589	0151215	semi variable carbon	500Ω−B	RV-10
D 4	R 590	0114291	carbon film	270kΩ ± 5 %	SRD¼P
E 4	R 592	0114291	carbon film	270kΩ ± 5 %	SRD¼P
F 4	R 594	0114291	carbon film	270kΩ ± 5 %	SRD¼P
E 2	R 597	0114001	carbon film	2.2Ω ± 5 %	SRD¼P
F 3	R 598	0114161	carbon film	1kΩ ± 5 %	SRD¼P
F 2	R 601	0114170	carbon film	2.4kΩ ± 5 %	SRD¼P
E 2	R 602	0114463	carbon film	1.2kΩ ± 5 %	SRD¼P
E 2	R 603	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
E 2	R 604	0114151	carbon film	680Ω ± 5 %	SRD¼P
E 2	R 605	0137610	carbon film	2.4kΩ ± 5 %	SRD¼SD
E 2	R 606	0159069	semi variable carbon	5kΩ−B	V.HOLD
E 2	R 607	0114201	carbon film	10kΩ ± 5 %	SRD¼P
E 2	R 608	0151201	semi variable carbon	5kΩ−B	V.SIZE
E 2	R 609	0151210	semi variable carbon	10kΩ−B	V.LIN
E 3	R 610	0114217	carbon film	47kΩ ± 5 %	SRD¼P
E 2	R 611	0137619	carbon film	5.6kΩ ± 5 %	SRD¼SD
E 3	R 613	0137501	carbon film	2.2Ω ± 5 %	SRD¼SD
E 3	R 614	0137501	carbon film	2.2Ω ± 5 %	SRD¼SD
E 2	R 620	0114182	carbon film	7.5kΩ ± 5 %	SRD¼P
E 3	R 626	0151230	semi variable carbon	30kΩ−B	SUB. V. LIN.
F 2	R 701	0114175	carbon film	3.9kΩ ± 5 %	SRD¼P
F 2	R 702	0114205	carbon film	15kΩ ± 5 %	SRD¼P
E 2	R 703	0114145	carbon film	390Ω ± 5 %	SRD¼P
F 2	R 705	0114147	carbon film	470kΩ ± 5 %	SRD¼P
F 2	R 706	0137619	carbon film	5.6kΩ ± 5 %	SRD¼SD
F 2	R 707	0137619	carbon film	5.6kΩ ± 5 %	SRD¼SD
F 2	R 708	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
F 2	R 709	0114165	carbon film	1.5kΩ ± 5 %	SRD¼P
F 3	R 710	0114171	carbon film	2.7kΩ ± 5 %	SRD¼P
F 3	R 711	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
F 3	R 712	0137667	carbon film	47kΩ ± 5 %	SRD¼SD
F 3	R 713	0114051	carbon film	27Ω ± 5 %	SRD¼P
F 3	R 714	0114147	carbon film	470Ω ± 5 %	SRD¼P
F 3	R 715	0137569	carbon film	560Ω ± 5 %	SRD¼SD
F 3	R 716	0114139	carbon film	220Ω ± 5 %	SRD¼P
F 3	R 717	0134384	composition	8.2kΩ ±10%	RC½GF
E 3	R 718	0115127	carbon film	15kΩ ± 5 %	RD 1 P
D 3	R 945	0137517	carbon film	10Ω ± 5 %	SRD¼SD
D 3	R 946	0114131	carbon film	100Ω ± 5 %	SRD¼P
D 3	R 947	0114161	carbon film	1kΩ ± 5 %	SRD¼P
D 3	R 948	0114172	carbon film	3kΩ ± 5 %	SRD¼P
D 3	R 949	0114151	carbon film	680Ω ± 5 %	SRD¼P
D 3	R 950	0114151	carbon film	680Ω ± 5 %	SRD¼P
D 3	R 951	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
D 4	R 952	0114153	carbon film	820Ω ± 5 %	SRD¼P
D 4	R 953	0114153	carbon film	820Ω ± 5 %	SRD¼P
F 4	R 1203	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
D 4	R 1204	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
E 3	R 1205	0114183	carbon film	8.2kΩ ± 5 %	SRD¼P
D 4	R 1229	0151215	semi variable carbon	500Ω−B	RV-10
E 3	R 1235	0114147	carbon film	470Ω ± 5 %	SRD¼P
F 3	R 1236	0114172	carbon film	3kΩ ± 5 %	SRD¼P
F 3	R 1237	0114131	carbon film	100Ω ± 5 %	SRD¼P
E 3	R 1238	0114148	carbon film	510Ω ± 5 %	SRD¼P
D 4	R 1239	0114211	carbon film	27kΩ ± 5 %	SRD¼P
D 4	R 1240	0114222	carbon film	75kΩ ± 5 %	SRD¼P
E 4	R 1241	0114170	carbon film	2.4kΩ ± 5 %	SRD¼P

TRANSISTOREN

D 2	TR 19	2320161	germanium	2SA565Ⓑ/Ⓒ	
D 2	TR 20	0573422	germanium	2SA15V	
D 3	TR 21	2320041	silicon	2SC460Ⓑ	
F 3	TR 22	2320041	silicon	2SC460Ⓑ	
E 3	TR 23	2320141	silicon	2SC717	
D 4	TR 24	2320042	silicon	2SC460Ⓒ	
E 4	TR 25	2320042	silicon	2SC460Ⓒ	
F 4	TR 26	2320042	silicon	2SC460Ⓒ	
D 4	TR 27	2320191	silicon	2SC154C	
E 4	TR 28	2320191	silicon	2SC154C	
F 4	TR 29	2320191	silicon	2SC154C	
F 2	TR 34	0573480	silicon	2SC458Ⓑ	
E 2	TR 35	2320331	germanium	2SD75Ⓐ/Ⓑ	
E 3	TR 36	0573422	germanium	2SA15V	
F 3	TR 38	2320011	germanium	2SA12V	

DIODEN

D 2	CR11	0575001	germanium	1N34A	
E 2	CR12	0575001	germanium	1N34A	
D 3	CR13	0575001	germanium	1N34A	
E 3	CR14	0575001	germanium	1N34A	
D 3	CR15	0575019	germanium	1N60(P)	
D 3	CR16	0575019	germanium	1N60(P)	
F 4	CR17	0575019	germanium	1N60(P)	
F 4	CR18	0575019	germanium	1N60(P)	
F 2	CR21	0575001	germanium	1N34A	
F 2	CR22	0575001	germanium	1N34A	
D 3	TH550	0576038	Thermistor	D-2B	RED

TRANSFORMATOREN

E 3	T 550	2160159	Video transformer	
F 3	T 551	2160531	Video transformer	
F 3	T 552	2160152	Video transformer	
E 2	T 601	0460012	Vertical oscillator transformer	
F 3	T 701	2160162	Horizontal Hold	
D 3	T 908	2160531	Video transformer	
D 3	T 912	2160152	Video transformer	

SPULEN

D 2	L 301	2120242	Peaking coil	68μH
D 2	L 303	2120245	Peaking coil	100μH
F 3	L 503	2120254	Peaking coil	220μH

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION	
F 3	L 554	2120263	Peaking coil	470μH
F 4	L 557	2120128	Peaking coil	620μH
D 3	L 932	2120263	Peaking coil	470μH
D 4	L 933	2120128	Peaking coil	620μH
D 3	L 934	2120254	Peaking coil	220μH
E 3	L 1201	2120077	Peaking coil	2.2μH

VERSCHIEDENES

D 2	DL 301	2160611	Delay line
		0924017	Knob - Colour knob for green drive (R 317)
		0924018	Knob - Colour knob for blue drive (R 321)
		0920589	Knob - Knob (A)
		2513703	Power PCB ass'y (19″)
		2513702	Power PCB ass'y (15″, 17″)
E 4	S 301	2620081	Slide switch
		2660092	Connector - 9 P connector (K)
		2651691	Connector - 2 P - 2 P connector (HD)
		2651693	Connector - 2 P - 2 P connector (HA)
		2651721	Connector - 3 J connector with lead (B)
		2651475	Connector - 2 J connector with lead (JD)
		2651701	Connector - 3 P - 2 P connector (JC)
		2651711	Connector - 4 P - 2 P connector (HB)
		3252621	Knob for T 701

NETZTEIL-TONPLATINE

KONDENSATOREN

C 6	C 451	0252662	electrolytic	220μF	25WV
B 6	C 452	0258584	electrolytic	10μF	160WV
B 6	C 453	0248808	ceramic, discal	0.01μF±10%	500WV
E 1	C 901	0248793	ceramic, discal	0.005μF$\pm^{100}_{0}$%	500WV
E 1	C 902	0248793	ceramic, discal	0.005μF$\pm^{100}_{0}$%	500WV
E 1	C 903	0248793	ceramic, discal	0.005μF$\pm^{100}_{0}$%	500WV
E 1	C 906	0252583	electrolytic	330μF	16WV
E 1	C 907	0252583	electrolytic	330μF	16WV
D 2	C 908	0258584	electrolytic	10μF	160WV

WIDERSTÄNDE

B 6	R 451	0114053	carbon film	33Ω± 5 %	SRD¼P
C 6	R 452	0114135	carbon film	150Ω± 5 %	SRD¼P
C 6	R 453	0134375	composition	1.5kΩ±10%	RC½GF
C 6	R 454	0134375	composition	1.5kΩ±10%	RC½GF
E 1	R 901	0190103	wire wound	1.5Ω±10%	RG3P
E 2	R 903	0134009	composition	4.7Ω± 5 %	RC½GF
E 2	R 904	0134009	composition	4.7Ω± 5 %	RC½GF
E 1	R 905	0114047	carbon film	18Ω± 5 %	SRD¼P
E 1	R 906	0114147	carbon film	470Ω± 5 %	SRD¼P
E 1	R 907	0114165	carbon film	2.2kΩ±10%	SRD¼P
E 1	R 908	0115122	carbon film	22kΩ± 5 %	RD1P
E 1	R 909	0190141	wire wound	1.3Ω±10%	RG3P
E 2	R 910	0131667	composition	1kΩ± 5 %	RC½GF
E 2	R 911	0151203	semi variable carbon	500Ω−B	+B ADJ.
E 2	R 912	0115129	carbon film	18kΩ± 5 %	RD1P
D 2	R 913	0116090	carbon film	12kΩ± 5 %	RD2PA
E 1	R 915	0114283	carbon film	120kΩ±10%	SRD¼SD

TRANSISTOREN

D 1	TR 44	2320221	Transistor Silicon	2SC685A
E 1	TR 42	2320631	Transistor germanium	2SA673Ⓑ/C
E 2	TR 43	0573481	Transistor Silicon	2SC458Ⓒ

DIODEN

E 1	CR 32	2330251	Diode Silicon	V06C
E 1	CR 33	2330251	Diode Silicon	V06C
E 1	CR 34	2330251	Diode Silicon	V06C
E 1	CR 35	2330251	Diode Silicon	V06C
E 1	CR 36	2330254	Diode	V06B
E 2	CR 37	0575001	Diode Germanium	IN34A
E 2	CR 39	2330634	Zener diode Silicon	HZ-7Ⓐ/Ⓑ
E 1	TH901	2340171	Posistor	
B 6	VA451	2340081	Varistor	HV-100
E 2	VA903	2330612	Varistor	HV-46

VERSCHIEDENES

		2513432	Power supply & audio PCB ass'y	
		2650091	Socket	
D 1	F 903	2720175	Fuse 1 A IEC type	
D 2	F 905			
		2720221	Holder - Fuse holder	
		2651316	Connector - 1 P connector with lead (YL)	
		2651315	Connector - 1 P connector with lead (BL)	
		2651372	Connector - 1 P connector with lead (RD)	
D 2	F 904	2721171	Fuse 315 mA IEC type	

NETZTEIL CHASSIS

D 1	C 905	0259799	Capacitor-electrolytic	470μF	DC200WV
D 1	C 920	0214477	Capacitor-Paper	0.0022μF±20%	800WV (19″Ⓖ)
D 1	R 902	0142236	Resistor-wire wound	220Ω± 5 %	
D 1	TR 41	2320273	Transistor-silicon	2SC935/2SC935 RED	
	F 908	2720172	Fuse 315mA IEC	type	
D 1	T 901	2210592	Power transformer		
	L 902	2120488	Filter coil 270μF		
		2660093	9J plug		

FILTER CHASSIS

D 2	R 360	0159048	Resistor Variable carbon	5kΩ−C	CONTRAST
D 1	R 914	0179701	Resistor composition	4.5MΩ±1.5MΩ	2PCL
D 1	S 901	2610321	Power switch		
		2741361	power cord (15″, 17″, 19″Ⓢ)		
		2741431	power cord (19″Ⓖ)		

NETZFILTERPLATINE

D 1	C 304	0252523	Capacitor-Electrolytic	33μF	16WV
D 1	C 909	0214470	Capacitor Paper	0.056μF±20%	800WV
D 1	C 912 ~ C 919	0214477	Capacitor Paper	0.0022μF±20%	800WV (19″Ⓖ)
D 1	L 901	2121271	Line filter coil	(15″, 17″, 19″Ⓢ)	
D 2	F 901) F 902	2720172	Fuse 1.6A IEC type		
		2720221	Holder - Fuse holder		
		2513592	Filter PCB assembly	(15″, 17″, 19″Ⓢ)	
		2513593	Filter PCB assembly	(19″Ⓖ)	

PLACE	SYMOL NO.	STOCK NO.	DESCRIPTION
REGLERPLATTE			
A 1	C 006	0252611	Kondensator electrolytic 1μF 25WV
A 1	C 268	0252621	Kondensator electrolytic 10μF 25WV(19″)
WIDERSTÄNDE			
F 4	R 327	0159053	variable carbon 500Ω-B TINT(15″)
F 4	R 327	0166618	variable carbon 500Ω-B TINT(17″, 19″)
D 2	R 363	0159058	variable carbon 20kΩ-B BRIGHT (15″, 17″)
D 2	R 363	0166623	variable carbon 20kΩ-B BRIGHT(19″)
A 2	R 407	0159143	variable carbon 50kΩ-B Pull-on switch
D 2	R 361	0134100	composition 6.2kΩ±5% RC½GF
D 2	R 362	0134088	composition 2kΩ±5% RC½GF
B 3	R 514	0159034	variable carbon 500Ω-B COLOUR(15″)
B 3	R 514	0166621	variable carbon 500Ω-B COLOUR(17″, 19″)
VERSCHIEDENES			
		*2682681	Antenna terminal board
		0511368	Balum transformer
		0243425	Capacitor-ceramic 100pF±10% 500WV
		0544647	Connector-6P
		0544584	Connector-2P
		2651344	Connector-4P with lead
		2660685	Connector-1P with lead
		2660683	Connector-1P with lead
		4151471	Channel indicator
		2420952	Tuner ET-511B (19″)
		2420931	Tuner-UHF HU-548
		2420711	Tuner-VHF HT-504

PAL-PLATINE

KONDENSATOREN

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
A 4	C 1001	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 4	C 1002	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 4	C 1003	0275015	ceramic, discal	0.047μF $^{+100}_{0}$%	50WV
A 4	C 1004	0248698	ceramic, discal	560pF±10%	50WV
A 5	C 1005	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 5	C 1006	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 4	C 1007	0248812	ceramic, discal	0.001μF±10%	50WV
B 4	C 1008	0248812	ceramic, discal	0.001μF±10%	50WV
B 4	C 1009	0248938	ceramic, discal	120pF±5%	50WV
B 4	C 1010	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 4	C 1011	0275012	polyester film	0.015μF±10%	50WV
B 4	C 1012	0246592	ceramic, discal	82pF±5%	50WV
B 4	C 1013	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 4	C 1014	0274012	polyester film	0.0015μF±10%	50WV
B 4	C 1015	0248864	ceramic, discal	180pF±5%	50WV
B 5	C 1016	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 5	C 1017	0248697	ceramic, discal	400pF±5%	50V
B 4	C 1019	0275012	polyester film	0.015μF±10%	50WV
B 5	C 1020	0275016	polyester film	0.068μF±10%	50WV
B 5	C 1021	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 5	C 1022	0275823	polyester film	0.1μF±10%	100WV
B 5	C 1023	0248668	ceramic, discal	22pF±5%	50WV
B 5	C 1024	0248938	ceramic, discal	120pF±5%	50WV
B 5	C 1025	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 5	C 1026	0248938	ceramic, discal	120pF±5%	50WV
B 5	C 1027	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 5	C 1028	0248698	ceramic, discal	560pF±5%	50WV
B 6	C 1029	0248698	ceramic, discal	560pF±5%	50WV
B 6	C 1030	0276013	polyester film	0.22μF±10%	50WV
B 6	C 1031	0248942	ceramic, discal	100pF±10%	50WV
B 6	C 1032	0246594	ceramic, discal	100pF±5%	50WV
C 4	C 1033	0248812	ceramic, discal	0.001μF±10%	50WV
B 4	C 1034	0275016	polyester film	0.068μF±10%	50WV
C 4	C 1035	0252622	electrolytic	22μF	25WV
C 4	C 1036	0275823	polyester film	0.1μF±10%	100WV
C 5	C 1037	0275016	polyester film	0.068μF±10%	50WV
C 5	C 1038	0252622	electrolytic	22μF	25WV
C 5	C 1039	0248938	ceramic, discal	120pF±5%	50WV
C 5	C 1040	0248946	ceramic, discal	270pF±10%	50WV
B 5	C 1041	0248698	ceramic, discal	560pF±5%	50WV
C 5	C 1042	0248813	ceramic, discal	0.0022μF±10%	50WV
C 5	C 1043	0248813	ceramic, discal	0.0022μF±10%	50WV
B 5	C 1044	0252625	electrolytic	47μF	25WV
C 5	C 1045	0247837	ceramic, discal	20pF±5%	500WV
C 5	C 1046	0247837	ceramic, discal	20pF±5%	500WV
B 5	C 1047	0248698	ceramic, discal	560pF±5%	500WV
B 5	C 1048	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
A 6	C 1049	0275823	polyester film	0.1μF±10%	50WV
B 4	C 1050	0275111	polyester film	0.01μF±20%	50WV
C 5	C 1051	0252622	electrolytic	22μF	25WV
B 6	C 1052	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 4	C 1053	0275016	polyester film	0.068μF±10%	50WV
A 4	C 1055	0248947	ceramic, discal	390pF±10%	50WV
B 4	C 1056	0248811	ceramic, discal	0.01μF $^{+100}_{0}$%	50WV
B 5	C 1058	0275111	polyester film	0.01μF±20%	50WV
B 4	C 1061	0252522	electrolytic	22μF	16WV

WIDERSTÄNDE

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
A 4	R 1001	0114056	carbon film	43Ω±5%	SRD¼P
A 4	R 1002	0114142	carbon film	300Ω±5%	SRD¼P
A 4	R 1003	0114145	carbon film	390Ω±5%	SRD¼P
A 4	R 1004	0114064	carbon film	91Ω±5%	SRD¼P
A 4	R 1005	0151265	semi variable carbon	200Ω−B	RV-10
A 5	R 1006	0114138	carbon film	200Ω±5%	SRD¼P
A 5	R 1007	0114138	carbon film	200Ω±5%	SRD¼P
B 4	R 1008	0114180	carbon film	6.2kΩ±5%	SRD¼P
B 4	R 1009	0114049	carbon film	22Ω±5%	SRD¼P
B 4	R 1010	0114296	carbon film	430kΩ±5%	SRD¼P
B 4	R 1011	0114296	carbon film	430kΩ±5%	SRD¼P
B 4	R 1012	0114165	carbon film	1.5kΩ±5%	SRD¼P
B 4	R 1013	0114161	carbon film	1kΩ±5%	SRD¼P
B 4	R 1014	0114137	carbon film	180Ω±5%	SRD¼P
B 4	R 1015	0114183	carbon film	8.2kΩ±5%	SRD¼P
B 4	R 1016	0114206	carbon film	16kΩ±5%	SRD¼P
B 4	R 1018	0114149	carbon film	560Ω±5%	SRD¼P
B 4	R 1019	0114213	carbon film	33kΩ±5%	SRD¼P
B 4	R 1020	0114290	carbon film	240kΩ±5%	SRD¼P
B 4	R 1021	0114219	carbon film	56kΩ±5%	SRD¼P
B 5	R 1022	0114217	carbon film	47kΩ±5%	SRD¼P
B 5	R 1023	0114220	carbon film	62Ω±5%	SRD¼P
B 5	R 1024	0114219	carbon film	56kΩ±5%	SRD¼P
B 5	R 1025	0114217	carbon film	47kΩ±5%	SRD¼P
B 5	R 1026	0114151	carbon film	680Ω±5%	SRD¼P
B 5	R 1027	0114151	carbon film	680Ω±5%	SRD¼P
B 5	R 1028	0114209	carbon film	22kΩ±5%	SRD¼P
B 5	R 1029	0114201	carbon film	10kΩ±5%	SRD¼P
B 5	R 1030	0114142	carbon film	300Ω±5%	SRD¼P

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
B 5	R 1031	0114145	carbon film	390Ω ± 5 %	SRD¼P
A 5	R 1032	0114209	carbon film	22kΩ ± 5 %	SRD¼P
A 5	R 1033	0154180	carbon film	6.2kΩ ± 5 %	SRD¼P
B 6	R 1035	0114169	carbon film	2.2kΩ ± 5 %	SRD¼P
B 6	R 1036	0114173	carbon film	3.3kΩ ± 5 %	SRD¼P
B 6	R 1037	0114207	carbon film	18kΩ ± 5 %	SRD¼P
B 6	R 1038	0114140	carbon film	240Ω ± 5 %	SRD¼P
B 6	R 1039	0114133	carbon film	120Ω ± 5 %	SRD¼P
B 4	R 1040	0114219	carbon film	56kΩ ± 5 %	SRD¼P
C 4	R 1041	0114201	carbon film	10kΩ ± 5 %	SRD¼P
C 4	R 1042	0137569	carbon film	560Ω ± 5 %	SRD¼SD
C 4	R 1043	0114219	carbon film	56kΩ ± 5 %	SRD¼P
C 4	R 1044	0114201	carbon film	10kΩ ± 5 %	SRD¼P
C 5	R 1045	0114140	carbon film	240Ω ± 5 %	SRD¼P
C 5	R 1046	0114281	carbon film	100kΩ ± 5 %	SRD¼P
C 5	R 1047	0114281	carbon film	100kΩ ± 5 %	SRD¼P
C 5	R 1048	0114281	carbon film	100kΩ ± 5 %	SRD¼P
B 5	R 1049	0114171	carbon film	2.7kΩ ± 5 %	SRD¼P
B 5	R 1050	0114175	carbon film	3.9kΩ ± 5 %	SRD¼P
B 5	R 1051	0114131	carbon film	100Ω ± 5 %	SRD¼P
B 5	R 1052	0114171	carbon film	2.7kΩ ± 5 %	SRD¼P
B 5	R 1053	0114175	carbon film	3.9kΩ ± 5 %	SRD¼P
B 5	R 1054	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
B 5	R 1055	0114171	carbon film	2.7kΩ ± 5 %	SRD¼P
B 5	R 1056	0114171	carbon film	2.7kΩ ± 5 %	SRD¼P
B 5	R 1057	0114179	carbon film	5.6kΩ ± 5 %	SRD¼P
B 5	R 1058	0114205	carbon film	15kΩ ± 5 %	SRD¼P
B 5	R 1059	0114172	carbon film	3kΩ ± 5 %	SRD¼P
B 4	R 1060	0114211	carbon film	27kΩ ± 5 %	SRD¼P
A 4	R 1061	0114161	carbon film	1kΩ ± 5 %	SRD¼P
A 6	R 1062	0114148	carbon film	510Ω ± 5 %	SRD¼P
A 4	R 1063	0114146	carbon film	430Ω ± 5 %	SRD¼P
B 4	R 1064	0114201	carbon film	10kΩ ± 5 %	SRD¼P
B 5	R 1065	0137568	carbon film	510Ω ± 5 %	SRD¼SD
B 5	R 1066	0137609	carbon film	2.2kΩ ± 5 %	SRD¼P
B 5	R 1067	0114170	carbon film	2.4kΩ ± 5 %	SRD¼P
C 4	R 1068	0137532	carbon film	43Ω ± 5 %	SRD¼SD
C 5	R 1069	0137532	carbon film	43Ω ± 5 %	SRD¼SD
B 4	R 1070	0114214	carbon film	36kΩ ± 5 %	SRD¼P
B 4	R 1075	0137611	carbon film	2.7kΩ ± 5 %	SRD¼P

TRANSISTOREN

A 4	TR1001	2320031	silicon	2SC460Ⓐ
B 4	TR1002	2320031	silicon	2SC460Ⓐ
B 5	TR1003	2320031	silicon	2SC460Ⓐ
B 5	TR1004	2320031	silicon	2SC460Ⓐ
B 5	TR1005	2320031	silicon	2SC460Ⓐ
B 6	TR1006	2320031	silicon	2SC460Ⓐ
C 4	TR1007	0573480	silicon	2SC458Ⓑ
C 4	TR1008	0373480	silicon	2SC458Ⓑ
C 5	TR1009	2320031	silicon	2SC460Ⓐ
C 5	TR1010	2320031	silicon	2SC460Ⓐ
C 4	TR1011	0573480	silicon	2SC458Ⓑ

DIODEN

B 4	CR1001	2330351	germanium	1S2076
B 4	CR1002	2330351	germanium	1S2076
B 5	CR1003	0575024	silicon	1S85
B 6	CR1004	0575019	germanium	1N60P
B 6	CR1005	0575019	germanium	1N60P
C 5	CR1006	0575001	germanium	1N34A
B 5	CR1007	0575019	germanium	1N60P
B 4	TH1001	0576038	Thermistor	D-2B
B 4	TH1002	0576038	Thermistor	D-2B

TRANSFORMATOREN

A 5	T 1001	2160156	Delay line output transformer
B 4	T 1002	2160153	Burst transformer
B 6	T 1003	2160154	Video transformer (CW amp)
C 5	T 1004	2160446	Inversion transformer

SPULEN

A 4	L 1001	2120254	Peaking coil 220μH
A 4	L 1002	2120149	Delay line input coil
A 4	L 1003	2160152	Phase coil
B 4	L 1004	2160154	Video coil
B 5	L 1005	2120146	Oscillator coil
B 5	L 1006	2160153	Oscillator coil
B 6	L 1007	2160154	Video coil
B 4	L 1008	2160445	Inversion coil
B 4	L 1010	2120249	Peaking coil 150μH

VERSCHIEDENES

		2513721	PAL-printed circuit board ass'y
A 4	DL1001	2781881	Delay line
B 4	X 1001	2781711	Crystal oscillator

KONDENSATOREN

E 6	C 851	0276011	polyester film	0.1μF ±10%	50WV
E 6	C 852	0276011	polyester film	0.1μF ±10%	50WV
E 6	C 853	0252613	electrolytic	3.3μF	25WV
F 6	C 854	0275016	polyester film	0.068μF ±10%	50WV
F 6	C 855	0299929	polypropylene film	0.18μF ±10%	200WV
D 6	C 856	0253125	electrolytic	47μF	160WV
D 6	C 857	0251077	electrolytic	10μF	16WV
D 6	C 859	0252522	electrolytic	22μF	25WV

WIDERSTANDE

E 6	R 851	0162610	variable wire wound	120Ω-B	RA20
F 6	R 852	0162610	variable wire wound	120Ω-B	RA20
E 6	R 853	0134299	composition	68Ω ±10%	RC½GF
F 6	R 854	0134299	composition	68Ω ±10%	RC½GF
F 6	R 855	0162613	variable wire wound	60Ω B	RA20
F 6	R 856	0115208	carbon film	15Ω ±10%	RD1P(19″)
F 6	R 856	0115212	carbon film	33Ω ±10%	RD1P (15″, 17″)
F 6	R 857	0111406	metal oxide film	100Ω ±10%	RD2PA
E 6	R 858	0162608	variable wire wound	500Ω B	RA20
E 6	R 860	0162608	variable wire wound	500Ω B	RA20
E 6	R 861	0162608	carbon film	500Ω B	RA20
E 6	R 862	0131658	composition	560Ω ±10%	RC¼GF
E 6	R 863	0162608	variable wire wound	500Ω B	RA20
D 6	R 864	0131650	composition	120Ω ±10%	RC¼GP
D 6	R 865	0131649	composition	100Ω ±10%	RC¼GF
D 6	R 866	0131652	composition	180Ω ±10%	RC¼GF
D 6	R 867	0131659	composition	680Ω ±10%	RC¼GF
E 6	R 868	0162608	variable wire wound	500Ω B	RA20

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION		
E 6	R 869	0162608	variable wire wound	500Ω B	RA20
E 6	R 870	0131658	composition	560Ω±10%	RC¼GF
E 6	R 871	0131657	carbon film	470Ω±10%	RC¼GF

DIODEN

E 6	CR 27	0575001	Diode germanium	1N34A
E 6	CR 28	0575001	Diode germanium	1N34A (15″ 17″)
E 6	CR 28	2330351	Diode silicon	1S2076(19″)
E 6	CR 29	2330352	Diode silicon	1S2076A
E 6	CR 30	2330352	Diode silicon	1S2076A
F 6	CR 31	2330352	Diode silicon	1S2076A
E 6	CR 46	0575001	Diode silicon	1N34A(19″)

SPULEN

E 6	L851	2160353	Horizontal convergence coil
E 6	L852	2160243	Horizontal convergence coil
F 6	L853	2120487	Filter coil
E 6	T851	2160344	Horizontal convergence coil

VERSCHIEDENES

		2512812	Convergence printed circuit board ass'y	(15″ 17″)
		2512813	Convergence printed circuit board ass'y	(19″)
		2450123	Convergence yoke	
		2770951	Blue lateral & purity magnet ass'y	
		2651331	3P connector with lead	

BILDRÖHRENPLATTE

KONDENSATOREN

C 6	C 801	0244436	ceramic	0.001μF±20%	DC1000WV
C 6 ~ C 6	C 802 ~ C 804	0243425	ceramic	100pF±10%	500WV

WIDERSTÄNDE

C 6	R 801	0134378	composition	2.7kΩ±10%	RC½GF
C 6	R 802	0134378	composition	2.7kΩ±10%	RC½GF
C 6	R 803	0134378	composition	2.7kΩ±10%	RC½GF
D 6	R 805	0153223	variable carbon	1MΩ-B	B.SCR.
D 6	R 806	0153223	variable carbon	1MΩ-B	G.SCR.
D 6	R 807	0153223	variable carbon	1MΩ-B	R.SCR.
D 6	R 808	0134400	composition	180kΩ±10%	RC½GF
D 6	R 809	0134408	composition	820kΩ±10%	RC½GF
D 6	R 810	0134406	composition	560kΩ±10%	RC½GF
D 6	R 813	0134397	composition	100kΩ±10%	RC½GF
D 6	R 814	0134397	composition	100kΩ±10%	RC½GF
D 6	R 815	0134397	composition	100kΩ±10%	RC½GF
C 6	R 816	0134391	composition	33kΩ±10%	RC½GF
C 6	R 817	0116006	metal oxide film	8.2kΩ± 5 %	RD1PA
C 6	R 818	0116006	metal oxide film	8.2kΩ± 5 %	RD1PA
C 6	R 819	0116006	metal oxide film	8.2kΩ± 5 %	RD1PA

SPULEN

C 6	L 801	2120252	Peaking coil	180μH
C 6	L 802	2120252	Peaking coil	180μH
C 6	L 803	2120252	Peaking coil	180μH

VERSCHIEDENES

		2513861	CPT printed circuit board ass'y
D 6	CR 26	2330251	Diode silicon V06C
C 6	SG801	2340032	Spark gap
		2650791	Socket - picture tube socket
	NE 801	2340181	Lightning tube
		4148912	Insulating sheet
		3714101	Canoe rivet
		2651338	4P connector with lead
		2651334	3P connector with lead

ABLENKPLATINE

KONDENSATOREN

F 5	C 606	0252563	electrolytic	330μF	16WV
F 5	C 607	0253413	electrolytic	3.3μF	350WV
F 5	C 608	0214144	paper	0.0033μF±20%	600WV
F 5	C 611	0299927	polypropylene film	0.12μF±10% (17″ 19″)	200WV
E 5	C 712	0243479	ceramic, discal	470pF±20%	500WV
D 5	C 713	0258584	electrolytic	10μF	160WV
E 5	C 714	0299926	polypropylene film	0.1μF±10%	200WV
D 5	C 719	0216241	paper	0.1μF±20%	1000WV
E 5	C 720	0253131	electrolytic	100μF	16WV
E 5	C 721	0252535	electrolytic	470μF	16WV
D 5	C 723	0299926	polypropylene film	0.1μF±10%	200WV
E 5	C 728	0299631	polypropylene film	0.027μF±10%	630WV
E 5	C 729	0299631	polypropylene film	0.027μF±10%	630WV
E 5	C 730	0299631	polypropylene film	0.027μF±10%	630WV
E 5	C 731	0299631	polypropylene film	0.027μF±10%	630WV(15″)
E 5	C 731	0299923	polypropylene film	0.056μF±10%	200WV (17″ 19″)
E 5	C 732	0299923	polypropylene film	0.056μF±10%	200WV
E 5	C 733	0275011	polyester film	0.01μF±10%	50WV
E 5	C 734	0299609	polypropylene film	0.33μF±10%	2500WV
E 5	C 735	0299609	polypropylene film	0.33μF±10%	2500WV
E 5	C 736	0248518	ceramic, discal	150pF± 5 %	50WV
E 5	C 737	0243443	ceramic, discal	150pF±10%	500WV
E 5	C 738	0243443	ceramic, discal	150pF±10%	500WV
E 5	C 740	0243837	ceramic, discal	330pF±10%	2500WV
E 5	C 741	0243837	ceramic, discal	330pF±10%	2500WV
E 5	C 743	0299912	polypropylene film	0.0068μF±10%	250WV

WIDERSTÄNDE

F 5	R 612	0114151	carbon film	680Ω± 5 %	SRD¼P
F 5	R 615	0151185	semi variable carbon	1kΩ B	
F 5	R 616	0114169	carbon film	2.2kΩ± 5 %	SRD¼P
F 5	R 617	0114149	carbon film	560Ω±10%	SRD¼P
F 5	R 618	0114041	carbon film	10Ω± 5 %	SRD¼P
F 5	R 619	0115529	carbon film	100kΩ± 5 %	RD1P
D 5	R 621	0111039	metal oxide film	150Ω± 5 %	RD1PA
F 5	R 626	0134083	carbon film	1.2kΩ± 5 % (17″ 19″)	RC½GF
F 5	R 627	0151263	semi variable carbon	2kΩ B	(17″ 19″)
F 5	R 628	0134361	composition	100Ω±10%	RC½GF (17″ 19″)
F 5	R 629	0134125	composition	15kΩ± 5 %	RC½GF
E 5	R 719	0134383	composition	6.8kΩ±10%	RC½GF
D 5	R 720	0115090	carbon film	2.2kΩ± 5 %	RD1P
D 5	R 721	0114135	carbon film	150Ω± 5 %	SRD¼P
D 5	R 722	0134398	composition	120kΩ±10%	RC½GF
D 5	R 723	0134385	composition	10kΩ±10%	RC½GF
D 5	R 724	0134165	composition	150kΩ± 5 %	RC½GF
E 5	R 726	0134376	composition	1.8kΩ±10%	RC½GF
D 5	R 728	0111035	metal oxide film	100Ω± 5 %	RD1PA

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION	
			TRANSISTOREN	
F 5	TR37	2320281	Transistor 2SC936	
E 5	TR39	2320221	Transistor 2SC685A	
E 5	TR40	2320291	Transistor 2SC937	
			DIODEN	
F 5	CR20	2330253	Diode silicon V06G	
E 5	CR23	2330191	Diode silicon SB-2C	
E 5	CR24	2330564	Diode V11N	
E 5	CR25	2330551	Diode silicon V09C	
D 5	CR40	2330553	Diode silicon V09G	
F 5	TH601	0576038	Thermistor D-2B RED	
			TRANSFORMATOREN	
F 5	T 603	2270191	Pincushion correcting transformer	(17″, 19″)
E 5	T 702	2260012	Horizontal drive transformer	
			SPULEN	
F 5	L 601	2160271	Pincushion correcting coil (17″, 19″)	
D 5	L 702	2120811	Filter coil	
E 5	L 703	2120482	Filter coil	
			VERSCHIEDENES	
		2513916	DEF printed circuit board ass'y (17″, 19″)	
		2650091	9 pin socket	
		2651491	5 pin connector with lead	
		2513915	DEF printed circuit board ass'y (15″)	
			HOCHSPANNUNGSCHASSIS	
D 5	C 718	0253131	Capacitor electrolytic 100μF DC160WV	
D 5	R 727	0134017	Resistor composition 10Ω±5% RC½GF	
	T 602	2250151	Vertical output transformer	
D 5	T 703	2270094	High voltage reactor	
	T 704	2430352	Flyback transformer (15″)	
	T 704	2430577	Flyback transformer (17″, 19″)	
		2651341	4 pin connector with lead	
		2651321	3 pin connector with lead	
			ENDMONTAGE	
	R 455	0134297	Resistor-composition 47Ω±10% (15″)	
	R 456	0134283	Resistor-composition 3.3Ω±10% (15″)	
	R 457	0134283	Resistor-composition 3.3Ω±10% (15″)	
	DY	2440482	Deflection yoke	
		2350291	Picture tube 15AFP22 (15″)	
		2350262	Picture tube 17FHP22 (17″)	
		2350401	Picture tube 490DKB22 (19″)	
		2160462	Degaussing coil (15″)	
		2160494	Degaussing coil (17″)	
		2160423	Degaussing coil (19″)	
	T 451	0453123	Audio output transformer	
	SP451	2410224	Speaker 4 inch round (15″)	
	SP451	2410182	Speaker 5×3 inch (17″)	
	SP451	2410253	Speaker 6×4 inch (19″)	
		3723531	Back cover assembly (15″)	
		3153072	Back cover assembly (17″)	
		3153661	Back cover assembly (19″Ⓢ)	
		3153663	Back cover assembly (19″Ⓖ)	

PLACE	SYMBOL NO.	STOCK NO.	DESCRIPTION
		3724221	Cord clamp for AC line cord
		4816152	Cabinet (15″)
		4816112	Cabinet (17″)
		4816353	Cabinet (19″)
		3212864	Frame-Cabinet front frame assembly (15″)
		3212523	Frame-Cabinet front frame assembly (17″)
		3715321	Holderfor PAL PCB
		3250801	Knob-pre-set fine tuning (15″, 17″)
		3253641	Knob-channel selector (15″)
		3252271	Knob-channel selector (17″)
		3252193	Knob-Pull-on volume
		3251235	Knob-Colour (15″)
		3251237	Knob-Tint (15″)
		3251872	Knob-Colour, Tint (17″)
		3251236	Knob-Brightness (15″, 17″)
		3253271	Knob-Contrast, Power SW
		0043493	Knob-ring for Brightness, Contrast, Power SW
		3715972	Knob-ring for Colour, Tint
		3232333	Side panel
		0020615	Rubber foot (4 req'd)
		3252101	Knob-Pull-on volume (19″)
		3252952	Knob-Brightness, Colour, Tint (19″)
		3232721	Control panel assembly (19″)